

## Multi-species CXCL12 (Human, Dolphin, Guinea Pig, Monkey, Bat, Feline, Mink) Recombinant Protein

### Description

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This high-purity Multi-species CXCL12 (Human, Dolphin, Guinea Pig, Monkey, Bat, Feline, Mink) Recombinant Protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Protein Information

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<b>SKU:</b>	KPRT2064
<b>Contents:</b>	Protein: 1 vial (5µg, 25µg) Bradford Reagent: 1 vial (2ml)
<b>Source:</b>	Yeast
<b>Application:</b>	Cell Culture, ELISA, ELISpot, WB
<b>Molecular Weight:</b>	7.6 kDa
<b>Purity:</b>	>98% as visualized by SDS-PAGE analysis
<b>Amino Acid Sequence:</b>	GKPVLSYRC PCRFFESHVA RANVKHLKIL NTPNCALQIV ARLKSNRRQV CIDPKLKWIQ EYLEKALNKR FKM
<b>Homology:</b>	Acinonyx jubatus (cheetah), Aotus nancymaae (Ma's night monkey), Apodemus sylvaticus (European woodmouse), Artibeus jamaicensis (Jamaican fruit-eating bat), Arvicanthis niloticus (Nile rat), Balaenoptera acutorostrata (minke whale), Balaenoptera musculus (blue whale), Callithrix jacchus (white-tufted-ear marmoset), Carlito syrichta (Philippine tarsier), Cavia porcellus (domestic guinea pig), Cebus imitator (Panamanian white-faced capuchin), Chlorocebus sabaeus (Cercopithecus sabaeus), Choloepus didactylus (southern two-toed sloth), Dasypus novemcinctus (nine-banded armadillo), Delphinapterus leucas (beluga whale), Delphinus delphis (saddleback dolphin), Desmodus rotundus (common vampire bat), Echinops telfairi (small Madagascar hedgehog), Enhydra lutris kenyoni (northern sea otter), Eubalaena glacialis (North Atlantic right whale), Felis catus (domestic cat), Globicephala melas (long-finned pilot whale), Gorilla gorilla gorilla (western lowland gorilla), Gulo gulo luscus (American wolverine), Homo sapiens (human), Hyaena hyaena (striped hyena),

*Hylobates moloch* (silvery gibbon), *Kogia breviceps* (pygmy sperm whale), *Lagenorhynchus albirostris* (white-beaked dolphin), *Lagenorhynchus obliquidens* (Pacific white-sided dolphin), *Leopardus geoffroyi* (Geoffroy's cat), *Lipotes vexillifer* (Yangtze River dolphin), *Lontra canadensis* (Northern American river otter), *Lutra lutra* (Eurasian river otter), *Lynx canadensis* (Canada lynx), *Macaca fascicularis* (crab-eating macaque), *Macaca mulatta* (Rhesus monkey), *Macaca nemestrina* (pig-tailed macaque), *Meles meles* (Eurasian badger), *Mesoplodon densirostris* (Blainville's beaked whale), *Monodon monoceros* (narwhal), *Nannospalax galili* (Upper Galilee mountains blind mole rat), *Neofelis nebulosa* (Clouded leopard), *Neogale vison* (American mink), *Neophocaena asiaeorientalis asiaeorientalis* (Yangtze finless porpoise), *Nomascus leucogenys* (northern white-cheeked gibbon), *Orcinus orca* (killer whale), *Pan paniscus* (pygmy chimpanzee), *Pan troglodytes* (chimpanzee), *Panthera leo* (lion), *Panthera onca* (jaguar), *Panthera pardus* (leopard), *Panthera tigris* (tiger), *Panthera uncia* (snow leopard), *Papio anubis* (olive baboon), *Phocoena phocoena* (harbor porpoise), *Phocoena sinus* (vaquita), *Phyllostomus discolor* (pale spear-nosed bat), *Physeter catodon* (sperm whale), *Piliocolobus tephrosceles* (Ugandan red Colobus), *Pongo abelii* (Sumatran orangutan), *Pongo pygmaeus* (Bornean orangutan), *Prionailurus bengalensis* (leopard cat), *Prionailurus viverrinus* (fishing cat), *Puma yagouaroundi* (jaguarundi), *Rhinopithecus bieti* (black snub-nosed monkey), *Rhinopithecus roxellana* (golden snub-nosed monkey), *Rousettus aegyptiacus* (Egyptian rousette), *Saimiri boliviensis boliviensis* (Bolivian squirrel monkey), *Sapajus apella* (tufted capuchin), *Sturnira hondurensis* (Honduran Yellow-shouldered Bat), *Suricata suricatta* (meerkat), *Theropithecus gelada* (gelada), *Trachypithecus francoisi* (Francois's langur), *Tupaia chinensis* (Chinese tree shrew), *Tursiops truncatus* (common bottlenose dolphin)

## Preparation & Storage

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**Stability & Storage:** Store Protein at -20°C for 1 Year.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.