

## FNDC-5/Irisin Recombinant Protein

### Description

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This high-purity FNDC-5/Irisin 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>	KPRT1277
<b>Contents:</b>	Protein: 1 vial (25µg, 100µg, 500µg(5X100µg)) Bradford Reagent: 1 vial (2ml)
<b>Source:</b>	Yeast
<b>Application:</b>	Cell Culture, ELISA, ELISpot, WB
<b>Molecular Weight:</b>	12.6 kDa
<b>Purity:</b>	>98% as visualized by SDS-PAGE analysis
<b>Amino Acid Sequence:</b>	DSPSAPVNVTVRHLKANSVAVSWDVLLEDEVVIGFAISQQK KDVRMLRFIQ EVNTTTRSCA LWDLEEDTEY IVHVQAISIQ GQSPASEPVL FKTPREAEM ASKNKDEVTM KE
<b>Homology:</b>	Aotus nancymae (Ma's night monkey), Bison bison bison (American buffalo), Bos mutus (wild yak), Bos taurus (cattle), Callithrix jacchus (white-tufted-ear marmoset), Camelus bactrianus (Bactrian camel), Camelus ferus (Wild Bactrian camel), Canis lupus familiaris (dog), Capra hircus (goat), Ceratotherium simum simum (southern white rhinoceros), Chinchilla lanigera (long-tailed chinchilla), Chlorocebus sabaeus (green monkey), Dipodomys ordii (Ord's kangaroo rat), Eptesicus fuscus (big brown bat), Equus przewalskii (Przewalski's horse), Erinaceus europaeus (western European hedgehog), Galeopterus variegatus (Sunda flying lemur), Gorilla gorilla gorilla (western lowland gorilla), Hipposideros armiger (great roundleaf bat), Homo sapiens (human), Ictidomys tridecemlineatus (thirteen-lined ground squirrel), Jaculus jaculus (lesser Egyptian jerboa), Leptonychotes weddellii (Weddell seal), Lipotes vexillifer (Yangtze River dolphin), Loxodonta africana (African savanna elephant), Macaca fascicularis (crab-eating macaque), Mandrillus leucophaeus (drill), Manis javanica (Malayan pangolin), Marmota marmota marmota

(Alpine marmot), Microcebus murinus (gray mouse lemur), Mus musculus (house mouse), Mustela putorius furo (domestic ferret), Myotis brandtii (Brandt's bat), Myotis lucifugus (little brown bat), Neogale vison (American mink), Nomascus leucogenys (northern white-cheeked gibbon), Octodon degus (degu), Odobenus rosmarus divergens (Pacific walrus), Orcinus orca (killer whale), Ovis aries (sheep), Pan paniscus (pygmy chimpanzee), Pan troglodytes (chimpanzee), Pantholops hodgsonii (chiru), Papio anubis (olive baboon), Pongo abelii (Sumatran orangutan), Pteropus vampyrus (large flying fox bat), Rattus norvegicus (Norway rat), Rhinopithecus bieti (black snub-nosed monkey), Rhinopithecus roxellana (golden snub-nosed monkey), Rousettus aegyptiacus (Egyptian rousette), Saimiri boliviensis boliviensis (Bolivian squirrel monkey), Sus scrofa (pig), Tupaia chinensis (Chinese tree shrew), Tursiops truncatus (bottlenosed 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.