

RPPB3453

Product Information Protein Information

Product SKU:

RPPB3453

Accession:

P29317

Host:

HEK 293.

Protein description:

EPHA2 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ala24-Glu530) containing a total of 515 amino acids, having a calculated molecular mass of 56.9kDa. The EPHA2 protein is fused to a 2 aa C-terminal linker and a 6 aa C-terminal His tag.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

EPHA2, EPH Receptor A2, ECK, Tyrosine-Protein Kinase Receptor ECK, EC 2.7.10.1, CTRCT6, ARCC2, CTPP1, CTPA, Epithelial Cell Receptor Protein Tyrosine Kinase, Ephrin Type-A Receptor 2, Soluble EPHA2 Variant 1, Epithelial Cell Kinase, EC 2.7.10, EphA2.

Formulation:

EPHA2 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5% (w/v) trehalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. EPHA2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

AQGKEVLLD FAAAGGELGW LTHPYGKGWD LMQNIMNDMP IYMYSVCNVM SGDQDNWLR
NWVYRGEAER IFIELKFTVR DCNSFPGGAS SCKETFNLYY AESLDLYGTN FQKRLFTKID TIAPDEITVS
SDFEARHVKL NVEERSVGPL TRKGFYLAHQ DIGACVALLS VRVYKCKPE LLQGLAHFPE TIAGSDAPSL
ATVAGTCVDH AVVPPGGEEP RMHCAVDGEW LVPIGQCLCQ AGYEKVEDAC QACSPGFFKF EASESPLEC
PEHTLPSPG ATSCCEEGF FRAPQDPASM PCTRPPSAPH YLTAVGMGAK VELRWTPPQD SGGREDIVYS
VTCEQCWPES GECGPCEASV RYSEPPHGLT RTSVTVSDLE PHMNYTFTVE ARNGVSLVT SRSFRTASVS
INQTEPPKVR LEGRSTTSLV VSWISPPPQQ SRVWKYEVTY RKKGDSNSYN VRRTEGFSVT LDDLAPDTTY
LVQVQALTOE GQGAGSKVHE FQTLSPKHLH HHHHHH.