

Ephrin type-B receptor 2 (EPHB2) Recombinant Protein | EPHB2 recombinant protein

Recombinant Human Ephrin type-B receptor 2 (EPHB2), partial

CATALOG #
AAA113895

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ephrin type-B receptor 2 (EPHB2); Recombinant Human Ephrin type-B receptor 2 (EPHB2); partial; EPHB2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-543. Fragment at the N-terminal, provide the complete extracellular domain.
Sequence	VEETLMDSTT ATAELGWMVH PPSGWEEVSG YDENMNTIRT YQVCNVFESS QNNWLRTKFI RRRGAHRIHV EMKFSVRDCS SIPSVPGSCK ETFNLYYYEA DFDSATKTFP NWMPNPWVKV DTIAADESFS QVDLGGRVMK INTEVRSFGP VSRSGFYLAQ QDYGGCMSLI AVRVFYRKCP RIIQNGAIFQ ETLSGAESTS LVAARGSCIA NAEEVDVPIK LYCNGDGEWL VPIGRMCKA GFEAVENGTV CRGCPSGTFK ANQGDEACTH CPINSRTTSE GATNCVCRNG YYRADLPLD MPCTTIPSAP QAVISSVNET SLMLEWTPPR DSGGREDLVY NIICKSCGSG RGACTRCGDN VQYAPRQLGL TEPRIYISDL LAHTQYTFEI QAVNGVTDQS PFSPQFASVN ITTNQAAPSA VSIHQVSRT VDSITLSWSQ PDQPNGVILD YELQYYEKEL SEYNATAIKS PTNTVTVQGL KAGAIYVFQV RARTVAGYGR YSGKMYFQTM TEAEYQTSIQ EKLPL
Sequence Length	543
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EPHB2 recombinant protein

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This protein is a receptor for ephrin-B family members.

NCBI AND UNIPROT INFORMATION

NCBI GI #	822606583
NCBI GeneID	2048
NCBI Accession #	NP_001296122.1
NCBI GenBank Nucleotide #	NM_001309193.1
UniProt Accession #	P29323 ; O43477 ; Q5T0U6 ; Q5T0U7 ; Q5T0U8
Molecular Weight	110,030 Da

NCBI Official Full Name	ephrin type-B receptor 2 isoform 4
NCBI Official Synonym Full Names	EPH receptor B2
NCBI Official Symbol	EPHB2
NCBI Official Synonym Symbols	DRT; EK5; ERK; CAPB; Hek5; PCBC; EPHT3; Tyro5
NCBI Protein Information	ephrin type-B receptor 2
UniProt Protein Name	Ephrin type-B receptor 2
UniProt Gene Name	EPHB2
UniProt Synonym Gene Names	DRT; EPHT3; EPTH3; ERK; HEK5; TYRO5; EK5; hEK5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ephb2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113895>