Human SEMA7A Recombinant Protein

RPPB4615

Product Information

Product SKU:
RPPB4615

Accession:
O75326

Host:
Sf9, Insect cells.

Protein Information

Protein description:
SEMA7A produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 846 amino acids (45-648 a.a.) and having a molecular mass of 95.7kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).SEMA7A is expressed with an 242 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:
Sterile filtered colorless solution.

Synonyms:
Semaphorin-7A, CDw108, JMH blood group antigen, John-Milton-Hargen human blood group Ag, Semaphorin-K1, Sema K1, Semaphorin-L, Sema L, CD108.

Formulation:
SEMA7A protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:
Greater than 90.0% as determined by SDS-PAGE.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:
ADPQGHLRSG PRIFAVWKGH VGQDRVDFGQ TEPHTVLFHE PGSSSVWVGG RGKVYLFDFP EGKNASVRTV NIGSTKGSCL DKRDCENYIT LLERRSEGLL ACGTNARHPS CWNLVNGTVV PLGEMRGYAP FSPDENSLVL FEGDEVYSTI RKQEYNGKIP RFRRIRGESE LYTSDTVMQN PQFIKATIVH QDQAYDDKIY YFFREDNPDK NPEAPLNVSR VAQLCRGDQG GESSLSVSKW NTFLKAMLVC SDAATNKNFN RLQDVFLLPD PSGQWRDTRV YGVFSNPWNY SAVCVYSLGD IDKVFRTSSL KGYHSSLPNP RPGKCLPDQQ PIPTETFQVA DRHPEVAQRV EPMGPLKTPL FHSKYHYQKV AVHRMQASHG ETFHVLYLTT DRGTIHKVVE PGEQEHSFAF NIMEIQPFRR AAAIQTMSLD AERRKLYVSS QWEVSQVPLD LCEVYGGGCH GCLMSRDPYC GWDQGRCISI YSSERSVLQS INPAEPHKEC PNPKPDKAPL QKVSLAPNSR YYLSCPMESR HATYSWRHKE NVEQSCEPGH QSPNCILFIE NLTAQQYGHY FCEAQEGSYF REAQHWQLLP EDGIMAEHLL GHACALALEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH.

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