

Semaphorin 7A (SEMA7A) Recombinant Protein | SEMA7A recombinant protein

Recombinant Semaphorin 7A (SEMA7A)

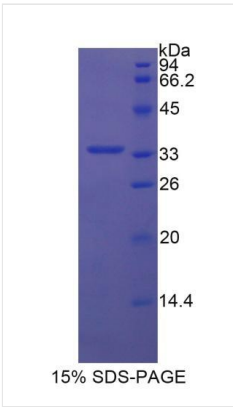
CATALOG # AAA134238	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Semaphorin 7A (SEMA7A); Recombinant Semaphorin 7A (SEMA7A); SEMA7A recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin 300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	YFFREDNPDK NPEAPLNVSR VAQLCRGDQG GESSLSVSKW NTLKAMLVC SDAATNKNFN RLQDVFLLPD PSGQWRDTRV YGVFSNPWNY SAVCVYSLGD IDKVFTSSL KGYHSSLPNP RPGKCLPDQQ PIPTETFQVA DRHPEVAQRV EPMGPKTPL FHSKYHYQKV AVHRMQASHG ETFHVLYLTT DRGTIHKVVE PGEQHSFAF NIMEIQPFRR AAAIQTMSLD AERRKLYVSS QWEVSQVPLD LCEVYGGGGCH GCLMSR
Applicable Applications for SEMA7A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Tyr242~Arg507
Tags	N-terminal His Tag
Subcellular Location	Membrane, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80degreeC for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	225637520
NCBI GeneID	8482
NCBI Accession #	NP_001139501.1
NCBI GenBank Nucleotide #	NM_001146029.1
UniProt Accession #	O75326; Q1XE81; Q1XE82; Q1XE83; Q1XE84; Q3MIY5; B4DDP7; F5H1S0
Molecular Weight	Predicted Molecular Mass: 34.0kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	semaphorin-7A isoform 2 preproprotein
NCBI Official Synonym Full Names	semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group)
NCBI Official Symbol	SEMA7A
NCBI Official Synonym Symbols	JMH; CD108; SEMAL; CDw108; SEMAK1; H-Sema-L; H-SEMA-K1
NCBI Protein Information	semaphorin-7A; sema L; sema K1; semaphorin L; semaphorin-L; semaphorin K1; semaphorin-K1; JMH blood group antigen; John Milton Hagen blood group H-Sema K1; john-Milton-Hargen human blood group Ag; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, 7A; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A (JMH blood group)
UniProt Protein Name	Semaphorin-7A
UniProt Gene Name	SEMA7A
UniProt Synonym Gene Names	CD108; SEMAL; Sema K1; Sema L
UniProt Entry Name	SEM7A_HUMAN

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.