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Datasheet for ABIN6573342 SEMA3A Protein (DYKDDDDK-His Tag)

Overview

Quantity:	50 µg
Target:	SEMA3A
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA3A protein is labelled with DYKDDDDK-His Tag.

Product Details

Purpose:	Recombinant Human Semaphorin-3A/SEMA3A (N-6His-Flag)
Sequence:	GSGSHHHHHH DYKDDDDKKN NVPRLKLSYK EMLESNNVIT FNGLANSSSY HTFLLDEERS RLYVGAKDHI FSFDLVNIKD FQKIVWPVSY TRRDECKWAG KDILKECANF IKVLKAYNQT HLYACGTGAF HPICTYIEIG HHPEDNIFKL ENSHFENGRG KSPYDPKLLT ASLLIDGELY SGTAADFMRG DFAIFRTLGH HHPIRTEQHD SRWLNDPKFI SAHLISESDN PEDDKVYFFF RENAIDGEHS GKATHARIGQ ICKNDFGGHR SLVNKWTTFL KARLICSVPG PNGIDTHFDE LQDVFLMNFK DPKNPVVYGV FTTSSNIFKG SAVCMYSMSD VRRVFLGPYA HRDGPNYQWW PYQGRVPYPR PGTCPSTKFG GFDSTKDLPD DVITFARSHP AMYNPVFPMN NRPVIKTDV NYQFTQIVVD RVDAEDGQYD VMFIGTDVGT VLKVVSIKPE TWYDLEEVLL EEMTVFREPT AISAMELSTK QQQLYIGSTA GVAQLPLHRC DIYGKACAEC CLARDPYCAW DGSACSRYF
Purity:	> 90 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target: SEMA3A

Alternative Name: Semaphorin-3A/SEMA3A ([SEMA3A Products](#))

Molecular Weight: 61.3 kDa

UniProt: [Q14563](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.