PRODUCT INFORMATION

Target	SEMA4B
Synonyms	SEMAC;SemC
Description	Recombinant Human SEMA4B Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9NPR2
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	SEMA4B(Leu44-Lys716) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 75.4 kDa after removal of the signal peptide. The apparent molecular mass of SEMA4B-His is approximately 70-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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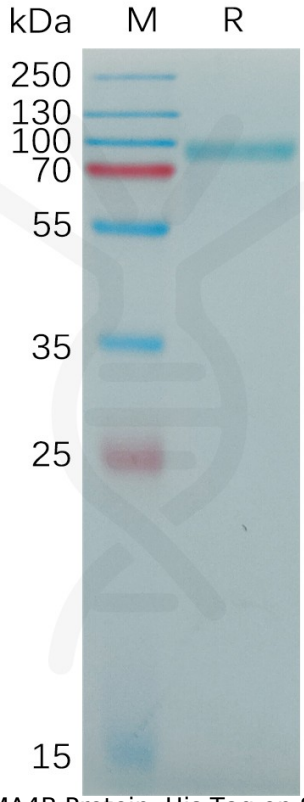


Figure 1. Human SEMA4B Protein, His Tag on SDS-PAGE under reducing condition.

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