Recombinant Human SEMA3B protein, His-tagged

Cat. No. SEMA3B-3210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA3B protein(450-629 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	450-629 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TLCSGDSSRPALLEHKVFGVEGSSAFLECEPRSLQARVEWTFQRAGVTAHTQVLAE ERTERTARGLLLRRLRRRDSGVYLCAAVEQGFTQPLRRLSLHVLSATQAERLARAE EAAPAAPPGPKLWYRDFLQLVEPGGGGSANSLRMCRPQPALQSLPLESRRKGRNR RTHAPEPRAERGP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SEMA3B sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B [Homo sapiens]
Official Symbol	SEMA3B
Synonyms	SEMA3B; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B; SEMAA; semaphorin-3B; LUCA 1; SemA; sema5; semaV; sema V; sema A(V); semaphorin A; semaphorin V; semaphorin-V; SEMA5; LUCA-1; FLJ34863;
Gene ID	7869
mRNA Refseq	NM_001005914
Protein Refseq	NP_001005914
MIM	601281
UniProt ID	Q13214

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