

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | <p>TLCSGDSSRPALLEHKVFGVEGSSAFLECEPRSLQARVEWTFQRAGVTAHTQVLAE ERTERTARGLLLRLRRRDSGVYLCAAVEQGFTQPLRRLSLHVLSATQAERLARA EAAPAAPPKPLWYRDFLQLVEPGGGGSANSLRMCRPQPALQSLPLESRRKGRNR RTHAPEPRAERGP</p> |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | <p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>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.</p> |

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Reconstitution

Reconstitute at 0.25 g/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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