

# Recombinant Human SEMA3B Protein, C-hFc-His (Active)

## Summary

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<b>Catalog No.</b>	AHG44401
<b>Alternative Names</b>	Semaphorin-3B, SEMA5, Sema A(V), SEMAA, Semaphorin-V, SEMA3B, Sema V
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Biological activity</b>	Measured by its binding ability in a functional ELISA. When recombinant human SEMA3B (Cat #: AHG44401) is coated at 1 µg/mL, 100 µL/well, it binds to recombinant Rat Neuropilin 1 with an ED50 of 25-150 ng/mL.
<b>Endotoxin level</b>	<0.1 EU/µg of the protein by the LAL method.
<b>Expression system</b>	Mammalian Cells
<b>Accession</b>	Q13214
<b>Protein length</b>	Ala25-Gly727 (Arg551Ala, Arg554Ala)
<b>Nature</b>	Recombinant
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

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**Recombinant Proteins & Antibodies**

**Species** Homo sapiens (Human)

**Shipping** In general, proteins are provided as lyophilized powder/frozen liquid.  
They are shipped out with dry ice/blue ice unless customers require otherwise.

**Note** For research use only.

## Data Image

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