

# Recombinant Human SEMA5B Protein, C-hFc-His (Active)

## Summary

---

<b>Catalog No.</b>	AHJ71601
<b>Alternative Names</b>	SEMAG, Semaphorin-5B, SEMA5B, KIAA1445
<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 the ability of the immobilized protein to support the adhesion of human pancreatic cancer cells. When $5 \times 10^4$ cells/well are added to recombinant human SEMA5B (Cat #: AHJ71601) coated plates, cell adhesion is enhanced in a dose dependent manner after 1 hour at 37 °C. The ED50 for this effect is 0.7-2.8 µg/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>	Q9P283
<b>Protein length</b>	Val78-Thr834
<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.

---

**Recombinant Proteins & Antibodies**

<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.
<b>Species</b>	Homo sapiens (Human)
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Note</b>	For research use only.

## Data Image

---