

## Active Recombinant Human SEMA6D Protein, Fc Chimera

Cat. No. SEMA6D-841H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SEMA6D (Accession # NP_705871), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ser22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Human Semaphorin 6D Fc Chimera is coated at 6 µg/mL, Recombinant Mouse Plexin A1 binds with an apparent KD < 50 nM.
<b>Molecular Mass</b>	Recombinant Human SEMA6D, Fc Chimera has a calculated MW of 98.6 kDa (monomer). In SDS-PAGE migrates as 110-120 kDa (full length) & 88-97 kDa (Fc was cleaved off, 30-35%).
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	SEMA6D sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D [ Homo sapiens ]
<b>Official Symbol</b>	SEMA6D
<b>Synonyms</b>	SEMA6D; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D; semaphorin-6D; FLJ11598; KIAA1479;
<b>Gene ID</b>	80031
<b>mRNA Refseq</b>	NM_001198999
<b>Protein Refseq</b>	NP_001185928
<b>MIM</b>	609295
<b>UniProt ID</b>	Q8NFY4
<b>Chromosome Location</b>	15q21.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA