

Recombinant Human PLXNA1 protein, His-tagged

Cat. No. PLXNA1-1503H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLXNA1 protein(Q9UIW2)(Glu27-Pro1244), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Glu27-Pro1244
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	The protein has a predicted MW of 135 kDa. Due to glycosylation, the protein migrates to 140-155 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [PLXNA1 plexin A1 \[Homo sapiens \]](#)

Official Symbol [PLXNA1](#)

Synonyms [PLXNA1](#); [plexin A1](#); [PLXN1](#); [plexin-A1](#); [NOV](#); [plexin 1](#); [semaphorin receptor NOV](#); [NOVP](#); [PLEXIN-A1](#); [DKFZp761P19121](#);

Gene ID [5361](#)

mRNA Refseq [NM_032242](#)

Protein Refseq [NP_115618](#)

MIM [601055](#)

UniProt ID [Q9UIW2](#)

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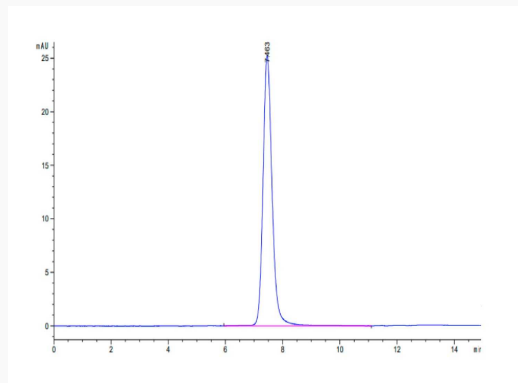
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Tris-Bis PAGE



SEC-HPLC



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