

Recombinant Rat Slit1 protein, His-tagged

Cat. No. Slit1-7996R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slit1 aa. (Leu3~Glu112 (Accession # O88279)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu3~Glu112
Description	Homolog of Drosophila slit; may play a role in protein-protein interactions during midline formation in the central nervous system; specifically expressed in fetal and adult forebrain neurons.
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP

 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

Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Slit1 slit guidance ligand 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Slit1
Synonyms	Slit1; slit guidance ligand 1; MEGF4; slit homolog 1 protein; multiple EGF-like domains protein 4; multiple epidermal growth factor-like domains 4; multiple epidermal growth factor-like domains protein 4; slit-1
Gene ID	65047
mRNA Refseq	NM_022953.2
Protein Refseq	NP_075242.1
UniProt ID	O88279

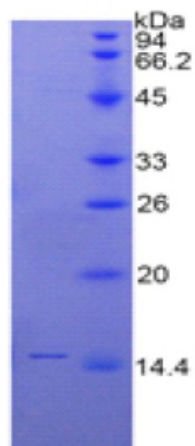
 Tel: 1-631-559-9269 1-516-512-3133

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

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

SDS-PAGE

Rat Slit1



15% SDS-PAGE

 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