

Slit Homolog 3 (Slit3) Recombinant Protein | Slit3 recombinant protein

Recombinant Slit Homolog 3 (Slit3)

CATALOG # AAA134229	HOST E. coli	REACTIVITY Mouse	APPLICATIONS Western Blot, SDS-Page
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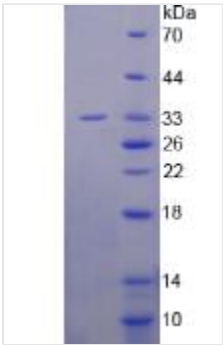
PRODUCT SYNONYMS

Slit Homolog 3 (Slit3); Recombinant Slit Homolog 3 (Slit3); Slit3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Mouse
Purity/Purification	>98%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarkosyl, 5%Trehalose and Proclin300.
Concentration	200ug/ml (varies by lot)
Applicable Applications for Slit3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression.
Residues	Lys1348~Cys1517
Tags	N-terminal His-Tag
Subcellular Location	Secreted.
Traits	Freeze-dried powder
Original Concentration	200µg/mL
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Predicted isoelectric point	6.0
Predicted Molecular Mass	24.3kDa
Accurate Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 Degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 Degree C for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

KDS

VVCECHPGWT GPLCDQEARD PCLGHSCRHG TCMATGDSYV CKCAEGYGGA
LCDQKNDAS ACSAFKCHHG QCHISDRGEP YCLCQPGFSG HHCEQENPCM
GEIVREAIRR QKDYASCATA SKVPIMECRG GCGSQCCQPI RSKRRKYVFQ
CTDGSSFVEE VERHLEC

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	226823283
NCBI GeneID	20564
NCBI Accession #	NP_035542.2
NCBI GenBank Nucleotide #	NM_011412.3
UniProt Accession #	Q9WVB4; B1ATW4
NCBI Official Full Name	slit homolog 3 protein
NCBI Official Synonym Full Names	slit homolog 3 (Drosophila)
NCBI Official Symbol	Slit3
NCBI Official Synonym Symbols	Slit2; Slit1
NCBI Protein Information	slit homolog 3 protein; slit-3
UniProt Protein Name	Slit homolog 3 protein
UniProt Gene Name	Slit3
UniProt Synonym Gene Names	Slit-3; Slit3
UniProt Entry Name	SLIT3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slit3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134229>