

Product datasheet for TP527608

Slit2 (NM_178804) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse slit guidance ligand 2 (Slit2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR227608 representing NM_178804
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGIGWQTLSSLGLVLSILNKVAPQACPAQCSCSGSTVDCHGLALRSVPRNIPRNTERLDLNGNNITRI
TKIDFAGLRHLRVLQLMENRISTIERGAFQDLKELERLRNLRNNLQFPPELLFLGTAKLYRLDSENQIQ
AIPRKAFRGAVDIKNLQLDYNQISCIEDGAFRALRDLEVLTLNNNNITRLSVASFNHMPKLRTRFRLHSNN
LYCDCHLAWLSDWLRQRPRVGLYTQCMGPSHLRGHNVAEVQKREFFVCSGHQSFMAPSCSVLHCPAACTCS
NNIVDCRGKGLTEIPTNLPETITEIRLEQNSIRVIPPQAFSPYKLRRLDLSNNQISELAPDAFQGLRSL
NSLVLYGNKITELPKSLFEGFLSLQLLLLNANKINCLRVDAFQDLHNLNLLSLYDNKLQTVAKGTFSALR
AIQTMHLAQNPFCIDCHLKWLYHTNPIETSGARCTSPRRLANKRIGQIKSKKFRCSGTEDYRSKLSG
DCFADLACPEKCRCEGTTVDCSNQRLNIPDHIPQYTAELRLNNEFTVLEATGIFKLPQLRKINFSNN
KITDIEEGAFEGASGVNEILLTSNRLNVQHKMFKGLSLKTLMLRSNRISCVGNDSFIGLGSVRLLSLY
DNQITTVAPGAFDSLHSLSTLNLLANPFCNCHLAWLGEWLRKRIVTGNPRCQKPYFLKEIPIQDVAIQ
DFTCDDGNDNCSPLSRCPSECTCLDTVVRCSNKGKLVLPKGPDKVTELYLDGNQFTLVPKELSNIYKH
LTLIDLSNNRISTLSNQFSNMTQLLLILSYNRLRCIPRPTFDGLKSLRLLSLHGNDISVPEGAFNDL
SALSHLAIGANPLYCDCNMQWLSWVWVSEYKEPGIARCAGPGEMADKLLLTTPSKKFTCQGPVDITIQAK
CNPCLSNPCKNDGTCNNDPVDFYRCTCPYGFKGQDCDVIHACISNPCKHGGTCHLKEGENAGFWCTCAD
GFEGENCEVNIDDCEDNDCENNSTCVDGINNYTCLCPPEYTGELCEEKLDFAQDLNQCQHDHSCILTPK
GFKCDCTPGYIGEHCDIDFDDCQDNKCKNGAHTDAVNGYTCVCEGYSGLFCFESPPMVLPRTPCNDNF
DCQNGAQCIIRINEPICQCLPGYLGEKCEKLVSVNFVNKESYLQIPSAKVRPQTNITLQIATDEDSGILL
YKGDKDHIARELYRGRVRASYDTGSHPASAIYSVETINDGNFHIVELLTLDSSLSLSDVGGSPKVVITNLS
KQSTLNFDSPLYVGGMPGKNNVASLRQAPGQNGTSFHGCIRNLYINSELQDFRKMMPQTGILPGCEPCHK
KVCAHGMCPSSQSGFTCECEEGWMGPLCDQRTNDPCLGNKCVHGTCLPINAFYSYCKCLEGHGGVLCDE
EEDLFNCPQMIKCKHGKRLSGVGPYCECNSGFTGSDCDREISCRGERIRDYYQKQGYAACQTTKKVS
RLECRGGCAGGQCCGPLRSKRRKYSFECTDGSSEFVDEVEKVVKCGCASCAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Tag:	C-MYC/DDK
Predicted MW:	169.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_848919
Locus ID:	20563
UniProt ID:	Q9R1B9
RefSeq Size:	7988
Cytogenetics:	5 B3
RefSeq ORF:	4563
Synonyms:	b2b1200.1Clo; Drad; Drad-1; E030015M03Rik; E130320P19Rik; mKIAA4141; S; Slit3; slit-2
Summary:	The protein encoded by this gene is a member of the Slit family of secreted glycoproteins, which function as ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. In mammals, members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Mice deficient for this gene exhibit abnormal axonal projections in the embryonic forebrain and develop supernumerary uretic buds that maintain improper connections to the nephric duct. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]