

Active Recombinant Human SLIT2 Protein

Cat. No. SLIT2-402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLIT2 was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Determined by its ability to inhibit MC3T3/E1 osteoblasts cell differentiation.
Molecular Mass	120 kDa
AA Sequence	QACPAQCSCSGSTVDCHGLALRSVPRNIPRNTERLDLNGNNITRITKTDFAGLRHLR VLQLMENKISTIERGAFQDLKELERLRNLNRNHLQLFPELLFLGTAKLYRLDLSENQIQ IPRKAFRGAVDIKNLQLDYNQISCIEDGAFRALRDLEVLTNNNNITRLSVASFNHMPK LRTFRLHSNNLYCDCHLAWLSDWLRQRPRVGLYTQCMGPSHLRGHNVAEVQKREF VCSGHQSFMAPSCSVLHCPAACTCSNNIVDCRGKGLTEIPTNLPETITEIRLEQNTIK VIPPGAFFSPYKKLRRLDLSNNQISELAPDAFQGLRSLNSLVLYGNKITELPKSLFEGLF SLQLLLLNANKINCLRVDAFQDLHNLNLLSLYDNKLQTIAGTFSPLRAIQTMHLAQNP FICDCHLKWLADYLHTNPIETSGARCTSPRRLANKRIGQIKSKKFRCSAKEQYFIPGT EDYRSKLSGDCFADLACPEKCRCEGTTVDCSNQKLNKIPEHIPQYTAELRLNNNEFT VLEATGIFKKLPQLRKINFSNNKITDIEEGAFEGASGVNEILLTSNRLENVQHKMFKGL ESLKTLMRLSRNITCVGNDSFIGLSSVRLLSLYDNQITTVAPGAFDTLHSLSTLNLLAN PFNCNCYLAWLGEWLRKKRIVTGNPRCQKPYFLKEIPIQDVAIQDFTCDDGNDNNSC

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SPLSRCPTTECTCLDTVVRC SNKGLKVLPKGIPRDVTELYLDGNQFTLV PKELS NYKH
 LTLIDL SNNRISTLSNQSF SNMTQLLTLILSYNRLRCIPPRTFDGLKSLRLLSLHGNDIS
 VVPEGAFNDLSALSHLAIGANPLYCDCNMQWLS DWVKSEYKEPGIARCAGPGEMA
 DKLLLTTPSKKFTCQGPVDVNILAKCNPCLSNPCKNDGTCNSDPVDFYRCTCPYGF
 KGQDCDVPIHACISNPCKHGGTCHLKEGEEDGFWCICADGFEGENCEVNVDDCED
 NDCENNSTCVDGINNYTCLCPPEYTGELCEEKLD FCAQDLNPCQHDSKCILTPKGFK
 CDCTPGYVGEHCDIDFDDCQDNKCKNGAHCTDAVNGYTICPEGYSGLFCEFSPP
 MV

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Resuspend the protein in the desired concentration in proper buffer

GENE INFORMATION

Gene Name SLIT2 slit homolog 2 (Drosophila) [Homo sapiens]

Official Symbol SLIT2

Synonyms SLIT2; slit homolog 2 (Drosophila); SLIL3, slit (Drosophila) homolog 2; slit homolog 2 protein; Slit 2; SLIL3; Slit-2; FLJ14420;

Gene ID 9353

mRNA Refseq NM_004787

Protein Refseq NP_004778

MIM 603746

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UniProt ID

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