

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	<p>QACPAQCSCSGSTVDCHGLALRSVPRNIPRNTERLDLNGNNITRITKTDFAGLRHRLR VLQLMENKISTIERGAFQDLKELERLRLNRNHLQLFPPELLFLGTAKLYRLDSENQIQ IPRKAFRGAVDIKNLQLDYNQISCIEDGAFRALRDLEVLTLNINNITRLSVASFNHMPK LRTFRLHSNPLYCDCHLAWLSDWLRQRPRVGLYTQCMGPSHLRGHNVAEVQKREF VCSGHQSFMAPSCSVLHCPAACTCSNNIVDCRGKGLTEIPTNLPETITEIRLEQNTIK VIPPGAFSPYKLRRLDLSNNQISELAPDAFQGLRSLNSLVLYGNKITELPKSLFEGFL SLQLLLLNANKINCLRVDAFQDLHNLNLLSLYDNKLQTIKGTFSPLRAIQTMHLAQNP FICDCHLKWLADYLHTNPIETSGARCTSPRRLANKRIGQIKSKKFRCSAKEQYFIPGT EDYRSKLSGDCFADLACPEKCRCEGTTVDCSNQKLNKIPEHIPQYTAELRLNNEFT VLEATGIFKLPQLRKINFSNNKITDIEEGAFEGASGVNEILLTSNRENVQHKMFKGL ESLKTLMRLSRNITCVGNDSFIGLSSVRLLSLYDNQITTVAPGAFDTLHSLSTLNLLAN PFNCNCYLAWLGEWLRKRIVTGNPRCQKPYFLKEIPIQDVAIQDFTCDDGNDNSC</p>
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SPLSRCPECTCLDTVVRCASNKGLKVLPKGIPRDVTELYLDGNQFTLVPKELSNYKH
 LTLIDLNNRISTLSNQSFNMTQLLTLILSYNRLRCIPPRTFDGLKSLRLLSLHGNDIS
 VVPEGAFNDLSALSHLAIGANPLYCDCNMQWLSDWVKSEYKEPGIARCAGPGEMA
 DKLLLTTPSKKFTCQGPVDVNILAKCNPCLSNPCKNDGTCNSDPVDFYRCTCPYGF
 KGQDCDVPIHACISNPCKHGGTCHLKEGEEDGFWCICADGFEGENCEVNVDDCED
 NDCENNSTCVDGINNYTCLCPPEYTGELCEEKLDCAQDLNPCQHDSKCILTPKGFK
 CDCTPGYVGEHCDIDFDDCQDNKCKNGAHCTDAVNGYTCICPEGYSGLFCEFSPP
 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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