Recombinant Human SRPX2 protein, GST-tagged

Cat. No. SRPX2-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRPX2(1 a.a. - 465 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 465 a.a.
Description	This gene encodes a secreted protein that contains three sushi repeat motifs. The encoded protein may play a role in the development of speech and language centers in the brain. This protein may also be involved in angiogenesis. Mutations in this gene are the cause of bilateral perisylvian polymicrogyria, rolandic epilepsy, speech dyspraxia and mental retardation.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	79.4 kDa
AA Sequence	MASQLTQRGALFLLFFLTPAVTPTWYAGSGYYPDESYNEVYAEEVPQAPALDYRVPRWCYTLNIQDGE ATCYSPK GGNYHSSLGTRCELSCDRGFRLIGRRSVQCLPSRRWSGTAYCRQMRCHALPFITSGTYTC TNGVLLDSRCDYSCS SGYHLEGDRSRICMEDGRWSGGEPVCVDIDPPKIRCPHSREKMAEPEKLTAR VYWDPPLVKDSADGTITRVTLRG PEPGSHFPEGEHVIRYTAYDRAYNRASCKFIVKVQVRRCPTLKPP QHGYLTCTSAGDNYGATCEYHCDGGYDRQG TPSRVCQSSRQWSGSPPICAPMKINVNVNSAAGLLD QFYEKQRLLIISAPDPSNRYYKMQISMLQQSTCGLDLRH VTIIELVGQPPQEVGRIREQQLSANIIEELRQ

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

	FQRLTRSYFNMVLIDKQGIDRDRYMEPVTPEEIFTFIDDYLLS NQELTQRREQRDICE
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SRPX2 sushi-repeat containing protein, X-linked 2 [Homo sapiens]
Official Symbol	SRPX2
Synonyms	SRPX2; sushi-repeat containing protein, X-linked 2; sushi repeat containing protein, X linked 2; sushi repeat-containing protein SRPX2; SRPUL; sushi-repeat-containing protein, X-linked 2; sushi-repeat protein up-regulated in leukemia; BPP; CBPS; PMGX; RESDX;
Gene ID	27286
mRNA Refseq	NM_014467
Protein Refseq	NP_055282
MIM	300642
UniProt ID	O60687
Chromosome	Xq21.33-q23

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

Location	
Pathway	protein binding; receptor binding;
Function	SRPX2;sushi-repeat containing protein, X-linked 2;sushi repeat containing protein, X linked 2;sushi repeat-containing protein SRPX2;SRPUL;sushi-repeat-containing protein, X-linked 2;sushi-repeat protein up-regulated in leukemia;BPP;CBPS;PMGX;RESDX;NP_055282;NM_014467;O60687;OTTHUMP00000023653;HGNC: 30668;Entrez Gene: 27286;Ensembl: ENSG00000102359;OMIM: 300642;UniProtKB: O60687;SRPX2_HUMAN;

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