

Recombinant Human SEZ6L2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEZ6L2-2949H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEZ6L2 MS Standard C13 and N15-labeled recombinant protein (NP_001107571) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a seizure-related protein that is localized on the cell surface. The gene is located in a region of chromosome 16p11.2 that is thought to contain candidate genes for autism spectrum disorders (ASD), though there is no evidence directly implicating this gene in ASD. Increased expression of this gene has been found in lung cancers, and the protein is therefore considered to be a novel prognostic marker for lung cancer. Alternative splicing of this gene results in multiple transcript variants.
Molecular Mass	90.7 kDa
AA Sequence	MGTPRAQHPPPPQLLFLILLSCPWIQGLPLKEEEILPEPGSETPTVASEALAE LLHGA LLRRGPEMGYLPGPPLGPEGGEEETTTTITTTTITTTTSPVLCNNNISEGEGYVES PDLGSPVSR TLGLLDCTYSIHVYPGYGIEIQVQTLNLSQEEELLVLAGGGSPGLAPRL LANSSMLGEGQVLRSP TNRLLLHFQSPRVPRGGGFRIHYQAYLLSCGFPPRPAHGD VSVTDLHPGGTATFHCDSGYQLQGEETLCLNGTRPSWNGETPSCMASCGGTI HNA TLGRIVSPEPGGAVGPNLTCRWVIEAAEGRRLHLHFERVSLDEDNDRLMVRSGGSP

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LSPVIYDSDMDDVPERGLISDAQSLYVELLSETPANPLLLSLRFEAFEEDRCFAPFLA
HGNVTTTDPPEYRPGALATFSCLPGYALEPPGPPNAIECVDPTEPHWNDTEPACKAM
CGGELSEPAGVVLSPDWPQSYSPGQDCVWGVHVQEEKRILLQVEILNVREGDMLT
LFDGDGSPARVLAQLRGPQPRRLLSSGPDLTQFQAPPGPPNPGLGQGFLVLFK
EVPRNDTCPELPPPEWGWRTASHGDLIRGTVLTYQCEPGYELLGSDILTCQWDLS
WSAAPPACQKIMTCADPGEIANGHRTASDAGFPVGVSHVQYRCLPGYSLEGAAMLT
CYSRDTGTPKWSDRVPKALKYEPCLNPGVPENGYQTLYKHHYQAGESLRFFCYE
GFELIGEVTITCVPGHPSQWTSQPPLCKVTQTDDPSRQLEGGNLALAILLPLGLVIVL
GSGVYIYYTKLQGKSLFGFSGSHSYSPITVESDFSNPPLYEAGDTREYEVSITRTRPLE
QKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SEZ6L2 seizure related 6 homolog like 2 [Homo sapiens (human)]

Official Symbol SEZ6L2

Synonyms SEZ6L2; seizure related 6 homolog (mouse)-like 2; seizure 6-like protein 2; FLJ90517; PSK 1; type I transmembrane receptor (seizure related protein); type I transmembrane receptor (seizure-related protein); PSK-1;

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Gene ID	26470
mRNA Refseq	NM_001114099
Protein Refseq	NP_001107571
MIM	616667
UniProt ID	Q6UXD5
SDS-PAGE	