

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SEZ6L2 MS Standard C13 and N15-labeled recombinant protein (NP_001107571) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 90.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MGTPRAQHPPPPQLLFLILLSCPWIQGLPLKEEEILPEPGSETPTVASEALAEELLHGA<br>LLRRGPEMGYLPGPPLGPEGGEEETTTTITTTTITTTTSPVLCNNNISEGEGYVES<br>PDLGSPVSRITLGLLDCTYSIHVYPGYGIEIQVQTLNLSQEEELLVLGGGSPGLAPRL<br>LANSSMLGEGQVLRSPNRLLLHFQSPRVPRGGGFRIHYQAYLLSCGFPPRPAHGD<br>VSVTDLHPGGTATFHCDSGYQLQGEETLICLNTRPSWNGETPSCMASCGGTIHN<br>TLGRIVSPEPGGAVGPNLTCRWVIEAAEGRRLHLHFERVSLDEDNDRLMVRSGGSP                                                                                                                                                            |

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LSPVIYDSDMDDVPERGLISDAQSLYVELLSETPANPLLLSLRFEAFEEDRCFAPFLA  
 HGNVTTTDPPEYRPGALATFSCLPGYALEPPGPPNAIECVDPTPEHWNDEPACKAM  
 CGGELSEPAGVVLSPDWPQSYSPGQDCVWGVHVQEEKRILLQVEILNVREGDMLT  
 LFDGDGSPARVLAQLRGPQPRRLLSSGPDLTQFQAPPGPPNPGLGQGFLVLFK  
 EVPRNDTCPELPPPEWGWRTASHGDLIRGTVLTYQCEPGYELLGSDILTCQWDLS  
 WSAAPPACQKIMTCADPGEIANGHRTASDAGFPVGVSHVQYRCLPGYSLEGAAMLT  
 CYSRDTGTPKWSRVPKCALKEYEPCLNPGVPENGYQTLYKHHYQAGESLRFFCYE  
 GFELIGEVTITCVPGHPSQWTSQPPLCKVTQTTDPSRQLEGGNLALAILLPLGLVIVL  
 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) ]

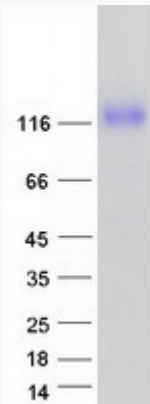
**Official Symbol** SEZ6L2

**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       |  |