

Product datasheet for AR03038PU-N

SNAP25B (1-206, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

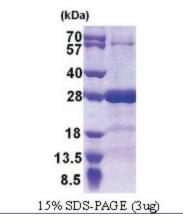
| Product Type: | Recombinant Proteins |
|--|---|
| Description: | SNAP25B (1-206, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MAEDADMRNE LEEMQRRADQ LADESLESTR RMLQLVEESK DAGIRTLVML DEQGEQLERI EEGMDQINKD MKEAEKNLTD LGKFCGLCVC PCNKLKSSDA YKKAWGNNQD GVVASQPARV VDEREQMAIS GGFIRRVTND ARENEMDENL EQVSGIIGNL RHMALDMGNE IDTQNRQIDR IMEKADSNKT RIDEANQRAT KMLGSG |
| Tag: | His-tag |
| Predicted MW: | 25.4 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS-PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM DTT, 1 mM EDTA, 50 mM NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human SNAP25, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store (in aliquots) at -20 °C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP 001309831</u> |
| Locus ID: | 6616 |
| UniProt ID: | <u>P60880</u> |
| Cytogenetics: | 20p12.2 |
| Synonyms: | bA416N4.2; CMS18; dJ1068F16.2; RIC-4; RIC4; SEC9; SNAP; SNAP-25; SUP |
| | |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

| | SNAP25B (1-206, His-tag) Human Protein – AR03038PU-N |
|------------------|---|
| Summary: | Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N- ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t- SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008] |
| Protein Families | : Druggable Genome |
| Protein Pathway | <i>ys:</i> SNARE interactions in vesicular transport |

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US