

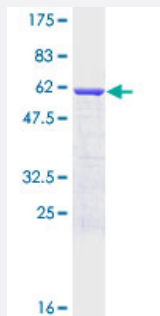
Full-Length

SNAP29 (Human) Recombinant Protein (P01)

Catalog # H00009342-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SNAP29 full-length ORF (AAH09715, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSAYPKSYNPFDDDDGEDEGARPPAPWRDARDLPDGPADAPDRQQYLRQEVLRRAEATAASTSR
SLALMYESEKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHINSIKSVFGGLVNYFKSKP
VETPPEQNGTLTSQPNRLKEAISTSKEQEAKYQASHPNLRKLDDTDPVPRGAGSAMSTDAYPK
NPHLRAYHQKIDSNLDELSMGLGRLKDIALGMQTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.12

Interspecies Antigen Sequence

Mouse (83); Rat (83)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SNAP29

Entrez GeneID [9342](#)

GeneBank Accession# [BC009715](#)

Protein Accession# [AAH09715](#)

Gene Name SNAP29

Gene Alias CEDNIK, FLJ21051, SNAP-29

Gene Description synaptosomal-associated protein, 29kDa

Omim ID [604202](#) [609528](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene, a member of the SNAP25 gene family, encodes a protein involved in multiple membrane trafficking steps. Two other members of this gene family, SNAP23 and SNAP25, encode proteins that bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. The protein encoded by this gene binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While the protein is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm. Use of multiple polyadenylation sites has been noted for this gene. [provided by RefSeq]

Other Designations soluble 29 kDa NSF attachment protein|synaptosomal-associated protein 29|vesicle-membrane fusion protein SNAP-29

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Schizophrenia](#)
- [Urogenital Abnormalities](#)