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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SNAP25 (Human) Recombinant Protein (P01)

Catalog Number: H00006616-P01

Regulation Status: For research use only (RUO)

Product Description: Human SNAP25 full-length ORF (NP_003072.2, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MAEDADMRNELEEMQRRADQLADESLESTRRMLQLV  
EESKDAGIRTLVMLDEQGEQLDRVEEGMNHINQDMKE  
AEKNLKDGLGKCCGLFICPCNKLKSSDAYKKAWGNNQD  
GVVASQPARVVDEREQMAISGGFIRRVTDARENEM  
DENLEQVSGIIGNLRHMALDMGNEIDTQNRQIDRIMEK  
ADSNKTRIDEANQRATKMLGSG
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 49.7

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 6616

Gene Symbol: SNAP25

Gene Alias: FLJ23079, RIC-4, RIC4, SEC9, SNAP, SNAP-25, bA416N4.2, dJ1068F16.2

Gene 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]