
Product Data Sheet

Product Name: SNAP25 Human
 Cat. No.: GP24625
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Super-Protein; SUP; RIC4; SEC9; SNAP; RIC-4; SNAP25; SNAP-25; Synaptosomal-associated protein 25; Synaptosomal-associated 25 kDa protein; FLJ23079; bA416N4.2; dj1068F16.2.		
Amino Acid Sequence	MAEDADMRNE LEEMQRRADQ LADESLESTR RMLQLVEESK DAGIRTLVMLDEQGEQLERI EEGMDQINKD MKEAEKNLTD LGKFCGLCVC PCNKLKSSDA YKKAWGNNQD GVVASQPARV VDEREQMAIS GGFIRRVNTD ARENEMDENL EQVSGIIGNL RHMALDMGNE IDTQNRQIDR IMEKADSNKT RIDEANQRAT KMLGSG.		
Formulation	The protein solution contains 25mM Tris-HCl pH7.5, 2mM EDTA, 10% glycerol and 1mM DTT.		

Introduction

SNAP-25 is a necessary element of the core complex that is responsible for presynaptic vesicle trafficking. Thus, SNAP-25 is directly involved in the release of neurotransmitters and this protein exists as two alternative isoforms, SNAP25A and SNAP25B which differ by 9 amino acids in central portion of these proteins.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SNAP25 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 206 amino acids and having a molecular mass of 23 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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