9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SEC13 Human

SEC13 Human Recombinant
RCP2015

Product Overview

Name	SEC13 Human
Description	
SEC13 Human Recombinant	
Accession (Primary)	P55735
Synonyms	
Protein SEC13 homolog, SEC13-like protein 1, SEC13-related protein, SEC13, D3S1231E, SEC13L1, SEC13R, npp-20.	
Introduction	
SEC13 is a member of the SEC13 family of WD-repeat proteins. SEC13 is a constituent of the endoplasmic reticulum and the nuclear pore complex. SEC13 is similar to the yeast SEC13 protein that is essential for vesicle biogenesis from endoplasmic reticulum during the transport of proteins. SEC13 interacts with SEC31A and SEC31B. SEC31A colocalizes with SEC13, one of the other components of COPII, in the subcellular structures corresponding to the vesicle transport function.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SEC13 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MVSVINTVDT SHEDMIHDAQ MDYYGTRLAT CSSDRSVKIF DVRNGGQILI ADLRGHEGPV WQVAWAHPMY GNILASCSYD RKVIIWREEN GTWEKSHEHA GHDSSVNSVC WAPHDYGLIL ACGSSDGAIS LLTYTGEGQW EVKKINNAHT IGCNAVSWAP AVVPGSLIDH PSGQKPNYIK RFASGGCDNL	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IKLWKEEEDG QWKEEQKLEA HSDWVRDVAW APSIGLPTST IASCSQDGRV FIWTCDDASS NTWSPKLLHK FNDVVWHVSW SITANILAVS GGDNKVTLWK ESVDGQWVCI SDVNKGQGSV SASVTEGQQN EQ.

Precautions

SEC13 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P55735)