

Recombinant Human SEC31A Protein, MYC/DDK-tagged

Cat. No. SEC31A-599H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SEC31A protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>The protein encoded by this gene shares similarity with the yeast Sec31 protein, and is a component of the outer layer of the coat protein complex II (COPII). The encoded protein is involved in vesicle budding from the endoplasmic reticulum (ER) and contains multiple WD repeats near the N-terminus and a proline-rich region in the C-terminal half. It associates with the protein encoded by the SEC13 homolog, nuclear pore and COPII coat complex component (SEC13), and is required for ER-Golgi transport. Monoubiquitylation of this protein by CUL3-KLHL12 was found to regulate the size of COPII coats to accommodate unusually shaped cargo. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015].</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	131.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION**Gene Name** SEC31 homolog A, COPII coat complex component[Homo sapiens]**Official Symbol** SEC31A**Synonyms** ABP125; ABP130; HSPC275; HSPC334; SEC31L1**Gene ID** 22872**mRNA Refseq** NM_001077206.2**Protein Refseq** NP_001070674.1**MIM** 610257**UniProt ID** O94979 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA