Recombinant Human SEC16A Protein (1943-2154 aa), His-tagged

Cat. No. SEC16A-799H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEC16A Protein (1943-2154 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Transport. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1943-2154 aa
Description	Defines endoplasmic reticulum exit sites (ERES) and is required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. SAR1A-GTP-dependent assbly of SEC16A on the ER mbrane forms an organized scaffold defining an ERES. Required for normal transitional endoplasmic reticulum (tER) organization.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.1 kDa
AA Sequence	AYLPDDKNKSIVWDEKKNQWVNLNEPEEEKKAPPPPPTSMPKTVQAAPPALPGPP GAPVNMYSRRAAGTRARYVDVLNPSGTQRSEPALAPADFVAPLAPLPIPSNLFVPTP DAEEPQLPDGTGREGPAAARGLANPEPAPEPKVLSSAASLPGSELPSSRPEGSQG GELSRCSSMSSLSREVSQHFNQAPGDLPAAGGPPSGAMPFYNPAQ

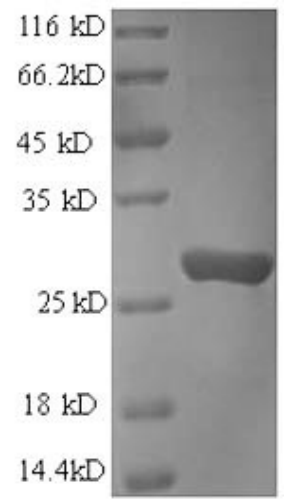
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	SEC16A SEC16 homolog A (S. cerevisiae) [Homo sapiens]
Official Symbol	SEC16A
Synonyms	SEC16A; KIAA0310; p250; SEC16L; FLJ26737; RP11-413M3.10;
Gene ID	9919
mRNA Refseq	NM_014866
Protein Refseq	NP_055681
MIM	612854
UniProt ID	O15027

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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