

Proteoliposomes

Full-Length

MANEA (Human) Recombinant Protein

Catalog # H00079694-G01

Size 10 ug

Specification

Product Description

Human MANEA full-length ORF (NP_078917.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAKFRRRTCILALFILFISLMMGLKMLRPNTATFGAPFGLDLLPELHQRTIHLGKNFDFQKSDRINS
ETNTKNLKSVEITMKPSKASELNLDLPLNNYLHVFFYSWYGNPQFDGKYIHWNHPVLEHWDPRI
AKNYPQGRHNPPDDIGSSFPELGSYSSRDPSVIETHMRQMRSASIGVLALSWYPPDVNDENGE
PTDNLVPTILDKAHKYNLKVTFHIEPYSNRDDQNMYKNVKYIDKYGNHAPFYRYKTKGNALPMFYV
YDSYTKPEKWANLLTSGSRSIRNSPYDGLFIALLVEEKHKYDILQSGFDGIYTYFATNGFTYGSSH
QNWASLKLFCDKYNLIFIPSVGPGYIDTSIRPWNTQNTRNRINGKYYEIGLSAALQTRPSLISITSFNE
WHEGTQIEKAVPKRTSNTVYLDYRPHKPGLYLELTRKWSEKYSKERATYALDRQLPVS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53.7

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — MANEA

Entrez GeneID	79694
GeneBank Accession#	NM_024641.2
Protein Accession#	NP_078917.2
Gene Name	MANEA
Gene Alias	DKFZp686D20120, ENDO, FLJ12838, hEndo
Gene Description	mannosidase, endo-alpha
Gene Ontology	Hyperlink
Gene Summary	N-glycosylation of proteins is initiated in the endoplasmic reticulum (ER) by the transfer of the pre assembled oligosaccharide glucose-3-mannose-9-N-acetylglucosamine-2 from dolichyl pyrophosphate to acceptor sites on the target protein by an oligosaccharyltransferase complex. This core oligosaccharide is sequentially processed by several ER glycosidases and by an endomannosidase (E.C. 3.2.1.130), such as MANEA, in the Golgi. MANEA catalyzes the release of mono-, di-, and triglycosylmannose oligosaccharides by cleaving the alpha-1,2-mannosidic bond that links them to high-mannose glycans (Hamilton et al., 2005 [PubMed 15677381]).[supplied by OMIM]
Other Designations	OTTHUMP00000017907 alpha 1,2-endomannosidase mandaselin

Disease

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