

Proteoliposomes

Full-Length

DOLK (Human) Recombinant Protein

Catalog # H00022845-G01

Size 2 ug

Specification

Product Description

Human DOLK full-length ORF (ADZ15912.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MTRECPSPAPGPGAPLSGSVLAEAAVVFVAVLSIHATVWDRYSWCAVALAVQAFYVQYKWDRLLQQGSAVFQFRMSANSGLLPASVMPLLLGLVMKERCQTAGNPFFERFGMVVAATGMAVALFSSVLALGITRPVPTNTCVILGLAGGVIIYMKHSLSVGEVIEVLEVLLIFVYLNMILLYLLPRCFTPGEALLVLGGISFVLNQLIKRSLTLVESQGDVPDFFLLVVVVGMVLMGIFFTLVFVMDSGTWASSIFFHLMTCVLSLGVVLPWLHRLIRRNPPLLWLLQFLFQTDTRYLLAYWSLLATLACLVLVLYQNAKRSSSESKKHQAPTARKYFHLIVVATYIPGIIFDRPLLVAATVCLAVFIFLEYVRYFRIKPLGHTLRSFSLFLDERDSGPLILTHIMLLGMSLPWLIIPRPCTQKGSLLGARALVPYAGVLAVGVGDTVASIFGSTMGEIRWPGTKKTFEGTMTSIFAQIISVALILIFDSGVDLNYSYAWILGSISTVSLLEAYTTQIDNLLPLYLLILLMA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.2

Form

Liquid

Preparation Method

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

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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 — DOLK

Entrez GeneID [22845](#)**GeneBank Accession#** [JF432695.1](#)**Protein Accession#** [ADZ15912.1](#)**Gene Name** DOLK**Gene Alias** DK, DK1, KIAA1094, SEC59, TMEM15**Gene Description** dolichol kinase**Omim ID** [610746](#) [610768](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Dolichyl monophosphate is an essential glycosyl carrier lipid for C- and O-mannosylation and N-glycosylation of proteins and for biosynthesis of glycosyl phosphatidylinositol anchors in endoplasmic reticulum (ER). Dolichol kinase, or TMEM15, catalyzes CTP-mediated phosphorylation of dolichol, the terminal step in de novo dolichyl monophosphate biosynthesis (Fernandez et al., 2002 [PubMed 12213788]).[supplied by OMIM]

Other Designations OTTHUMP00000022307|SEC59 homolog|dolichol kinase 1|transmembrane protein 15