

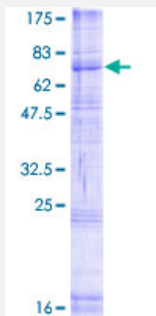
Full-Length

RFT1 (Human) Recombinant Protein (P01)

Catalog # H00091869-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RFT1 full-length ORF (NP_443091.1, 1 a.a. - 541 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGSQEVLGHAARLASSGLLLQVLFRLITFVLNAFILRFLSKEN/GVVNVRLTLLYSTTLFLAREAFRR
ACLSGGTQRDWSQTLNLLWLTVPPLGVFWSLFLGWMLQLLEVPDPNVVPHYATGVVLFGLSAVV
ELLGEPFWVLAQAHMFVKLVIAESLSVILKSVLTAFLVLWLPHWGLYIFSLAQLFYTTVLVLCYVIY
FTKLLGSPESTKLQTLPVSRITDLLPNITRNGAFINWKEAKLTWSFFKQSFLKQILTEGERYVMTFLN
VLNFGDQGVYDINNLSLVARLIFQPIEESFYIFFAKVLERGKDATLQKQEDVAVAAAVLESLLKL
ALLAGLTITVFGFAYSQALDIYGGTMLS SSGSPVLLRSYCLYVLLAINGVTECF TFAAMSKEEVD
RYNFVMLALSSSFLVLSYLLTRWCGSVGFILANCFNMGIRITQSLCFIHRYRSPHRPLAGLHLSP
VLLGTFALSGGVTAVSEVFLCCEQGWPARLAHIVGAFCLGATLGTAFLTETKLIHFLRTQLGVPR
RTDKMT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.7

Interspecies Antigen Sequence

Mouse (87); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RFT1

Entrez GeneID	91869
GeneBank Accession#	NM_052859.2
Protein Accession#	NP_443091.1
Gene Name	RFT1
Gene Alias	CDG1N, DKFZp667J092, FLJ25945
Gene Description	RFT1 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme which catalyzes the translocation of the Man(5)GlcNAc (2)-PP-Dol intermediate from the cytoplasmic to the luminal side of the endoplasmic reticulum membrane in the pathway for the N-glycosylation of proteins. Mutations in this gene are associated with congenital disorder of glycosylation type In
Other Designations	RFT1 homolog RFT1, requiring fifty three 1 homolog putative endoplasmic reticulum multispan transmembrane protein

Pathway

- [N-Glycan biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)