Product Datasheet

Recombinant human Phosphatidylinositol-glycan biosynthesis class X protein

Catalog No: #AP71465

Package Size: #AP71465-1 20ug #AP71465-2 100ug #AP71465-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Phosphatidylinositol-glycan biosynthesis class X protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:42-230aaSequence Info:Partial
Accession No.	Q8TBF5
Uniprot	Q8TBF5
GeneID	54965;
Calculated MW	37.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MCSEIILRQEVLKDGFHRDLLIKVKFGESIEDLHTCRLLIKQDIPAGLYVDPYELASLRERNITEAVMVSENFDIEA PNYLSKESEVLIYARRDSQCIDCFQAFLPVHCRYHRPHSEDGEASIVVNNPDLLMFCDQEFPILKCWAHSEVA APCALENEDICQWNKMKYKSVYKNVILQVPVGLTVHTSL
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM .

References

The DNA sequence, annotation and analysis of human chromosome 3.Muzny D.M., Scherer S.E., Kaul R., Wang J., Yu J., Sudbrak R., Buhay C.J., Chen R., Cree A., Ding Y., Dugan-Rocha S., Gill R., Gunaratne P., Harris R.A., Hawes A.C., Hernandez J., Hodgson A.V., Hume J. , Jackson A., Khan Z.M., Kovar-Smith C., Lewis L.R., Lozado R.J., Metzker M.L., Milosavljevic A., Miner G.R., Morgan M.B., Nazareth L.V., Scott G., Sodergren E., Song X.-Z., Steffen D., Wei S., Wheeler D.A., Wright M.W., Worley K.C., Yuan Y., Zhang Z., Adams C.Q., Ansari-Lari M.A., Ayele M., Brown M.J., Chen G., Chen Z., Clendenning J., Clerc-Blankenburg K.P., Chen R., Chen Z., Davis C., Delgado O., Dinh H.H., Dong W., Draper H., Ernst S., Fu G., Gonzalez-Garay M.L., Garcia D.K., Gillett W., Gu J., Hao B., Haugen E., Havlak P., He X., Hennig S., Hu S., Huang W., Jackson L.R., Jacob L.S., Kelly S.H., Kube M., Levy R., Li Z., Liu B., Liu J., Liu W., Lu J., Maheshwari M., Nguyen B.-V., Okwuonu G.O., Palmeiri A., Pasternak S., Perez L.M., Phelps K.A., Plopper F.J., Qiang B., Raymond C., Rodriguez R., Saenphimmachak C., Santibanez J., Shen H., Shen Y., Subramanian S., Tabor P.E., Verduzco D., Waldron L., Wang J., Wang J., Wang Q., Williams G.A., Wong G.K.-S., Yao Z., Zhang J., Zhang X., Zhao G., Zhou J., Zhou Y., Nelson D., Lehrach H., Reinhardt R., Naylor S.L., Yang H., Olson M., Weinstock G., Gibbs R.A.Nature 440:1194-1198(2006)Research Topic:Metabolism

Note: This product is for in vitro research use only