

Recombinant Human ATP synthase mitochondrial F1 complex assembly factor 2(ATPAF2)

Catalog No: #AP70069

Package Size: #AP70069-1 20ug #AP70069-2 100ug #AP70069-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human ATP synthase mitochondrial F1 complex assembly factor 2(ATPAF2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:41-289aaSequence Info:Full Length
Other Names	ATP12 homolog
Accession No.	Q8N5M1
Calculated MW	32.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APPTERKRFYQNVISITQGGGFEINLDHRKLKTPQAKLFTVPSEALAIIVATEWDSQQDTIKYYTMHLTTLCNT SLDNPTQRNKDQLIRAAVKFLDITICYRVEEPETLVELQRNEWDPIIEWAEKRYGVEISSSTSIMGPSIPAKTR EVLVSHLASYNWALQGIEFVAAQLKSMVLTLGLIDLRLTVEQAVLLSRLEEEYQIQKWGNIWAHDYELQELR ARTAAGTLFIHLCSESTTVKHKLLKE
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

May play a role in the assbly of the F1 component of the mitochondrial ATP synthase (ATPase).

References

DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage.Zody M.C., Garber M., Adams D.J., Sharpe T., Harrow J., Lupski J.R., Nicholson C., Searle S.M., Wilming L., Young S.K., Abouelleil A., Allen N.R., Bi W., Bloom T., Borowsky M.L., Bugalter B.E., Butler J., Chang J.L., Chen C.-K., Cook A., Corum B., Cuomo C.A., de Jong P.J., DeCaprio D., Dewar K., FitzGerald M., Gilbert J., Gibson R., Gnerre S., Goldstein S., Grafham D.V., Grocock R., Hafez N., Hagopian D.S., Hart E., Norman C.H., Humphray S., Jaffe D.B., Jones M., Kamal M., Khodiyar V.K., LaButti K., Laird G., Lehoczy J., Liu X., Lokyitsang T., Loveland J., Lui A., Macdonald P., Major J.E., Matthews L., Mauceli E., McCarroll S.A., Mihalev A.H., Mudge J., Nguyen C., Nicol R., O'Leary S.B., Osoegawa K., Schwartz D.C., Shaw-Smith C., Stankiewicz P., Steward C., Swarbreck D., Venkataraman V., Whittaker C.A., Yang X., Zimmer A.R., Bradley A., Hubbard T., Birren B.W., Rogers J., Lander E.S., Nusbaum C.Nature 440:1045-1049(2006)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.