Recombinant human Telomerase protein component 1

Catalog No: #AP72373

Package Size: #AP72373-1 20ug   #AP72373-2 100ug   #AP72373-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Telomerase protein component 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-226aaSequence Info:Partial
Other Names	Telomerase-associated protein 1 ;Telomerase protein 1p240p80 telomerase homolog
Accession No.	Q99973
Uniprot	Q99973
GeneID	7011;
Calculated MW	28.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EKLHGHVSAHPDILSLENRCLAMLPDLQPLEKLHQHVSTHSDILSLKNQCLATLPDLKTMEKPHGYVSAHPDIL SLENQCLATLSDLKTMEKPHGHVSAHPDILSLENRCLATLSSLKSTVSASPLFQSLQISHMTQADLYRVNNSNC LLSEPPSWRAQHFSKGLDLSTCPIALKSISATETAQEATLGRWFDSEEKKGAETQMPSYSLSLGEEEEVEDLA VKLT
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

Component of the telomerase ribonucleoprotein complex that is essential for the replication of chromosome termini. Also component of the ribonucleoprotein vaults particle, a multi-subunit structure involved in nucleo-Cytoplasmic domain transport. Responsible for the localizing and stabilizing vault RNA (vRNA) association in the vault ribonucleoprotein particle. Binds to TERC .

References

A human telomerase holoenzyme protein required for Cajal body localization and telomere synthesis.Venteicher A.S., Abreu E.B., Meng Z., McCann K.E., Terns R.M., Veenstra T.D., Terns M.P., Artandi S.E.Science 323:644-648(2009)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only