

Recombinant human Guanine nucleotide-binding protein-like 3-like protein

Catalog No: #AP71532

Orders: order@signalwayantibody.com

Package Size: #AP71532-1 20ug #AP71532-2 100ug #AP71532-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Guanine nucleotide-binding protein-like 3-like protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-582aaSequence Info:Full Length
Accession No.	Q9NVN8
Uniprot	Q9NVN8
GeneID	54552;
Calculated MW	81.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MMKLRHKNKKPGEGSKGHKKISWPYPQPAKQNGKKATSKVPSAPHFVHPNDHANREAELKKKWEEMREK QQAAREQERQKRRTIESYQDVLRRQEEFEHKEEVLQELNMFPLDDEATRKAAYKEFRKVVVEYSDVILEVL DARDPLGCRFCQMEEAVLRAQGNKLVLVLNKIDLVPKEVVEKWLVDYLRNELPTVAFKASTQHVKVKNLNRCS VPVDQASESLKSKACFGAENLMRVLGNYCRLGEVTRHIRVGVVGLPNVKGSSLINSLKRSRACSVGAVPGIT KFMQEVYLDKFIIRLLDAPGIVPGPNSEVGTILRNCVHVQKLADPVPVETILQRCNLEEISNYGVSQFQTTEHF LTAVAHRLGKKKGGGLYSQEQAQAVLADWVSGKISFYIPPPATHTLPHLSAEIVKEMTEVFDIEDTEQANED TMECLATGESDELLGDTDPLEMEIKLLHSPMTKIADAIENKTTVYKIGDLTGYCTNPNRHQMGWAKRNVDRHP KNSMVDVCSVDRRSVLQRIMETDPLQQGQALASALKNKKKMQKRADKIASKLSDSMMSALDLSGNADDGV GD
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

Stabilizes TERF1 telomeric association by preventing TERF1 recruitment by PML. Stabilizes TERF1 protein by preventing its ubiquitination and hence proteasomal degradation. Does so by interfering with TERF1-binding to FBXO4 E3 ubiquitin-protein ligase. Required for cell proliferation. By stabilizing TRF1 protein during mitosis, promotes metaphase-to-anaphase transition. Stabilizes MDM2 protein by preventing its ubiquitination, and hence proteasomal degradation. By acting on MDM2, may affect TP53 activity. Required for normal processing of ribosomal pre-rRNA. Binds GTP.

References

Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S. , Yamamoto

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Note: This product is for in vitro research use only