

Recombinant human V-type proton ATPase subunit G 1

Catalog No: #AP71652

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Package Size: #AP71652-1 20ug #AP71652-2 100ug #AP71652-3 1mg

Description

Product Name	Recombinant human V-type proton ATPase subunit G 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-118aaSequence Info:Full Length
Other Names	V-ATPase 13KDA subunit 1Vacuolar proton pump subunit G 1Vacuolar proton pump subunit M16
Accession No.	O75348
Uniprot	O75348
GeneID	9550;
Calculated MW	40.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ASQSQGIQQLLQAEKRAAEKVSEARKRKNRRLKQAKEEAQAEIEQYRLQREKEFKAKEAAALGSRGSCSTEV EKETQEKMILQTYFRQNRDEVLDNLLAFVCDIRPEIHENYRING
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

Catalytic subunit of the peripheral V1 complex of vacuolar ATPase (V-ATPase). V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.

References

"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."
The MGC Project Team Genome Res. 14:2121-2127(2004)Research Topic:Transport

Note: This product is for in vitro research use only