

Recombinant rat Muscarinic acetylcholine receptor M1

Catalog No: #AP72499



Package Size: #AP72499-1 20ug #AP72499-2 100ug #AP72499-3 1mg

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Description

Product Name	Recombinant rat Muscarinic acetylcholine receptor M1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:210-366aaSequence Info:Cytoplasmic Domain
Accession No.	P08482
Uniprot	P08482
GeneID	25229;
Calculated MW	19.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RIYRETENRARELAALQGSETPGKGGGSSSSSERSQPGAEGSPESPPGRCCRCRAPRLLQAYSWKEEEEE DEGSMESLTSSEGEPEGSEVVIKMPMVDSEAQAPTKQPPKSSPNTVKRPTKKGRDRGGKGGKQKPRGKEQLAK RKTFSLVKEKKAART
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

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.

References

Identification of a family of muscarinic acetylcholine receptor genes.Bonner T.I., Buckley N.J., Young A.C., Brann M.R.Science 237:527-532(1987)Research Topic:Others

Note: This product is for in vitro research use only