

Recombinant Rat Muscarinic acetylcholine receptor M1(Chrm1),partial

Catalog No: #AP70164

Package Size: #AP70164-1 20ug #AP70164-2 100ug #AP70164-3 1mg

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Description

Product Name	Recombinant Rat Muscarinic acetylcholine receptor M1(Chrm1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:210-366aaSequence Info:Cytoplasmic Domain
Accession No.	P08482
Calculated MW	21.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RIYRETENRARELAALQGSETPGKGGGSSSSSERSQPGAEGSPESPGRCCRCRAPRLLQAYSWKEEEEE DEGSMESLTSSEGEPPGSEVVIKMPMVDSEAQPTKQPPKSSPNTVKRPTKKGRDRGGKGQKPRGKEQLAK 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 P_i 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 and is not intended for use in humans or animals.