

Recombinant Human Parathyroid hormone 2 receptor(PTH2R),partial

Catalog No: #AP70680

Package Size: #AP70680-1 20ug #AP70680-2 100ug #AP70680-3 1mg

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Description

Product Name	Recombinant Human Parathyroid hormone 2 receptor(PTH2R),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-145aaSequence Info:Extracellular Domain
Accession No.	P49190
Calculated MW	29.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	DSDGTITIEEQIVLVLKAKVQCELNITAQLQEGEGNCFPEWDGLICWPRGTVGKISAVPCPPYIYDFNHKGVAFRHCNPNGTWDFMHSLNKTWANYSDCLRFLQPDISIGKQEPPERLY
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

This is a specific receptor for parathyroid hormone. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. PTH2R may be responsible for PTH effects in a number of physiological systs. It may play a significant role in pancreatic function. PTH2R presence in neurons indicates that it may function as a neurotransmitter receptor .

References

Identification and characterization of the murine and human gene encoding the tuberoinsfundibular peptide of 39 residues.John M.R., Arai M., Rubin D.A., Jonsson K.B., Jueppner H.Endocrinology 143:1047-1057(2002)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.