

Recombinant human Calcitonin gene-related peptide 1

Catalog No: #AP72286



Package Size: #AP72286-1 20ug #AP72286-2 100ug #AP72286-3 1mg

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Description

Product Name	Recombinant human Calcitonin gene-related peptide 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:83-118aaSequence Info:Partial
Other Names	Alpha-type CGRPCalcitonin gene-related peptide I ;CGRP-I
Accession No.	P06881
Uniprot	P06881
GeneID	796;
Calculated MW	30.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ACDTATCVTHRLAGLLSRSGGVVKNFVPTNVGSKA
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

CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. It also elevates platelet cAMP.

References

Human chromosome 11 DNA sequence and analysis including novel gene identification.Taylor T.D., Noguchi H., Totoki Y., Toyoda A., Kuroki Y., Dewar K., Lloyd C., Itoh T., Takeda T., Kim D.-W., She X., Barlow K.F., Bloom T., Bruford E., Chang J.L., Cuomo C.A., Eichler E., FitzGerald M.G. , Jaffe D.B., LaButti K., Nicol R., Park H.-S., Seaman C., Sougnez C., Yang X., Zimmer A.R., Zody M.C., Birren B.W., Nusbaum C., Fujiyama A., Hattori M., Rogers J., Lander E.S., Sakaki Y.Nature 440:497-500(2006)Research Topic:Signal Transduction

Note: This product is for in vitro research use only