

Recombinant Human GPR182 Protein

Cat. No. GPR182-5219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR182 full-length ORF (NP_009195.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	Adrenomedullin is a potent vasodilator peptide that exerts major effects on cardiovascular function. This gene encodes a seven-transmembrane protein that belongs to the family 1 of G-protein coupled receptors. Studies of the rat counterpart suggest that the encoded protein may function as a receptor for adrenomedullin. [provided by RefSeq]
Form	Liquid
Molecular Mass	45.3 kDa
AA Sequence	MSVKPSWGPGPSEGVTAVPTSDLGEIHNWTELLDLFNHTLSECHVELSQSTKRVL FALYLAMFVVGLVENLLVICVNWRGSGRAGLMNLYILNMAIADLGIVLSLPVWMLEVT LDYTWLWGSFSCRFTHYFYFVNMYSSIFFLVCLSVDRYVTLTSASPSWQRYQHRVR RAMCAGIWVLSAIIPLPEVVHIQLVEGPEPMCLFMAPFETYSTWALAVASTTILGFL PFPLITVFENVLTACRLRQPGQPKSRRHCLLLCAYVAVFVMCWLPYHVTLTLTLHG T HISLHCHLVHLLYFFYDVIDCFMSMLHCVINPILYNFLSPHFRGRLLNAVVHYLPKDQTK AGTCASSSSCSTQHSIIITKGDSQPAAPHPPEPSLSFQAHLLPNTSPISPTQPLTP S

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	GPR182 G protein-coupled receptor 182 [Homo sapiens]
Official Symbol	GPR182
Synonyms	GPR182; G protein-coupled receptor 182; ADMR, adrenomedullin receptor; G-protein coupled receptor 182; AM R; G10D; hrhAMR; adrenomedullin receptor; AMR; 7TMR; ADMR; AM-R; gamrh; MGC34399;
Gene ID	11318
mRNA Refseq	NM_007264
Protein Refseq	NP_009195
MIM	605307

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UniProt ID

O15218

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