

## Recombinant Human GPR182 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Human GPR182 full-length ORF (NP_009195.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	45.3 kDa
<b>AA Sequence</b>	MSVKPSWGGPSEGVTAVPTSDLGEIHNWTELLDLFNHTLSECHVELSQSTKRIVL FALYLAMFVVGLVENLLVICVNWRGSGRAGLMNLYILNMAIADLGIVLSLPVWMLEVT LDYTWLWGSFSCRFTHYFYFVNMYSSIFFLVCLSDRYVTLTSASPSWQRYQHRVR RAMCAGIWVLSAIIPLPEVVHIQLVEGPEPMCLFMAPFETYSTWALAVLSTTILGFL PFPLITVFENVLTACRLRQPGQPKSRRHCLLLCAYVAVFVMCWLPYHVTLTLLTLHGT HISLHCHLVHLLYFFYDVIDCFMSMLHCVINPILYNFLSPHFRGRLLNAVVHYLPKDQTK AGTCASSSSCSTQHSIIITKGDSQPAAPHPPEPSLSFQAHLLPNTSPISPTQLTP S

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<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GPR182 G protein-coupled receptor 182 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GPR182</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">11318</a>
<b>mRNA Refseq</b>	<a href="#">NM_007264</a>
<b>Protein Refseq</b>	<a href="#">NP_009195</a>
<b>MIM</b>	<a href="#">605307</a>

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UniProt ID

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