

## Recombinant Human ADRA1A Protein, GST-tagged

**Cat. No.** ADRA1A-378H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ADRA1A partial ORF ( NP_150646, 1 a.a. - 27 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties. [provided by RefSeq, Jul 2008]</p>
<b>Molecular Mass</b>	28.71 kDa
<b>AA Sequence</b>	MVFLSGNASDSSNCTQPPAPVNISKAI
<b>Applications</b>	<p>Enzyme-linked Immunoabsorbent Assay            Western Blot (Recombinant protein)            Antibody Production            Protein Array</p>

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<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>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ADRA1A adrenergic, alpha-1A-, receptor [ Homo sapiens ]
<b>Official Symbol</b>	ADRA1A
<b>Synonyms</b>	ADRA1A; adrenergic, alpha-1A-, receptor; ADRA1C; alpha-1A adrenergic receptor; ADRA1L1; alpha-1A adrenoceptor; alpha-1A adrenoreceptor; G protein coupled receptor; alpha-1C adrenergic receptor; adrenergic, alpha-1A-, receptor variant 1; adrenergic, alpha-1A-, receptor variant 3; adrenergic, alpha-1A-, receptor variant 5; adrenergic, alpha-1A-, receptor variant 8; ALPHA1AAR;
<b>Gene ID</b>	148
<b>mRNA Refseq</b>	NM_000680
<b>Protein Refseq</b>	NP_000671
<b>MIM</b>	104221
<b>UniProt ID</b>	P35348

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