

Recombinant Human ADRA1A Protein, GST-tagged

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

SPECIFICATION

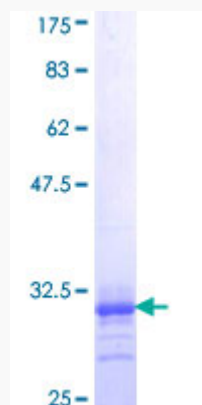
Product Overview	Human ADRA1A partial ORF (NP_150646, 1 a.a. - 27 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and 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]
Molecular Mass	28.71 kDa
AA Sequence	MVFLSGNASDSSNCTQPPAPVNISKAI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ADRA1A adrenergic, alpha-1A-, receptor [Homo sapiens]
Official Symbol	ADRA1A
Synonyms	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;
Gene ID	148
mRNA Refseq	NM_000680
Protein Refseq	NP_000671
MIM	104221
UniProt ID	P35348

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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