PRODUCT INFORMATION

Target	ADRA1A
Synonyms	ADRA1C; ADRA1L1; ALPHA1AAR
Description	Recombinant human ADRA1A Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P35348
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ADRA1A(Met1-Lys25) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.7 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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Human ADRA1A Protein, hFc Tag

Cat. No. PME101799

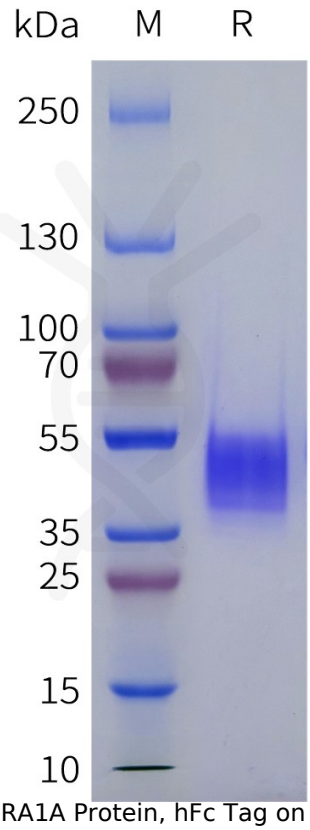


Figure 1. Human ADRA1A Protein, hFc Tag on SDS-PAGE under reducing condition.

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