

PRODUCT INFORMATION

Tag	C-Flag Tag
Target	GP182
Synonyms	7TMR, ADMR, AM-R, AMR, G10D, L1-R, gamrh, hrhAMR
Description	Human GP182 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	O15218
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	Smooth muscle contraction,
Molecular Weight	The human full length GP182 protein has a MW of 45.3kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
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	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, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

