Human ADGRE5 Protein, His Tag

Cat. No. PME101401

PRODUCT INFORMATION

Target	ADGRE5
Synonyms	CD97; TM7LN1
Description	Recombinant human ADGRE5 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P48960
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	ADGRE5(Gln21-Arg552) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 58.9 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% 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.
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	This gene encodes a member of the EGF-TM7 subfamily of adhesion G protein-coupled receptors, which mediate cell-cell interactions. These proteins are cleaved by self-catalytic proteolysis into a large extracellular subunit and seven-span transmembrane subunit, which associate at the cell surface as a receptor complex. The encoded protein may play a role in cell adhesion as well as leukocyte recruitment, activation and migration, and contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Expression of this gene may play a role in the progression of several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms with 3 to 5 EGF-like repeats have been observed for this gene. This gene is found in a cluster with other EGF-TM7 genes on the short arm of chromosome 19. [provided by RefSeq, Jun 2011]
Usage	Research use only
Conjugate	Unconjugated

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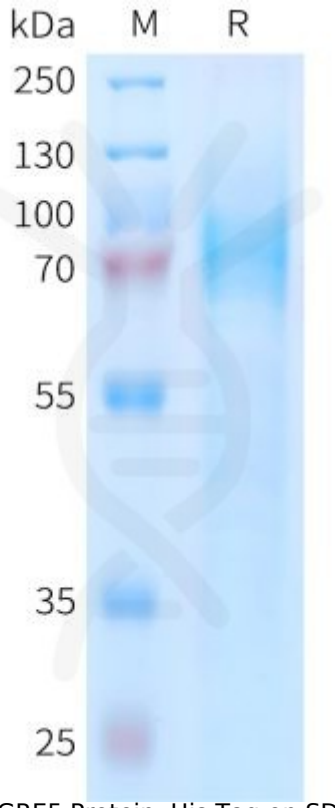


Figure 1. Human ADGRE5 Protein, His Tag on SDS-PAGE under reducing condition.

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