

Recombinant Human ADGRE1 protein, His & T7-tagged

Cat. No. ADGRE1-1779H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADGRE1 aa. (Met1~Pro201 (Accession # Q14246)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Pro201
Description	This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.9

GENE INFORMATION

Gene Name	ADGRE1 adhesion G protein-coupled receptor E1 [Homo sapiens (human)]
Official Symbol	ADGRE1
Synonyms	ADGRE1; adhesion G protein-coupled receptor E1; EMR1; TM7LN3; adhesion G protein-coupled receptor E1; EGF-like module receptor 1; EGF-like module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor; egf-like module containing, mucin-like, hormone receptor-like 1; egf-like module containing, mucin-like, hormone receptor-like sequence 1
Gene ID	2015
mRNA Refseq	NM_001256252.1

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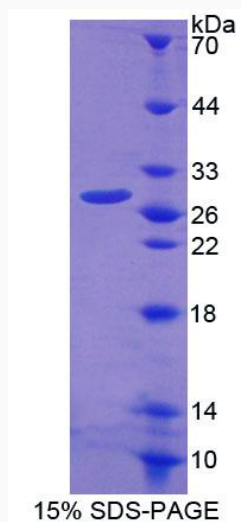
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Protein Refseq NP_001243181.1

UniProt ID Q14246

SDS-PAGE



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