

Recombinant Human ADGRE2 Protein, His-tagged

Cat. No. ADGRE2-240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human ADGRE2 Protein with His tag was expressed in E. coli.

Species Human

Source E.coli

Description Cell surface receptor that binds to the chondroitin sulfate moiety of glycosaminoglycan chains and promotes cell attachment. Promotes granulocyte chemotaxis, degranulation and adhesion. In macrophages, promotes the release of inflammatory cytokines, including IL8 and TNF. Signals probably through G-proteins. Is a regulator of mast cell degranulation.

Molecular Mass ~55 kDa

AA Sequence

QDSRGCARWCPQDSSCVNATACRCNPGFSSFSEIITTPMETCDDINECATLSKVSC
 GKFSDCWNTEGSYDCVCSPGYEPVSGAKTFKNESENTCQDVDECQQNPRLCKSY
 GTCVNTLGSYTCQCLPGFKLPEDPKLCTDVNECTSGQNPCHSSTHCLNNVGSYQ
 CRCRPGWQPIPGSPNGPNNTVCEDEVDECSSGQHQCDSSTVCFNTVGSYSCRCRP
 GWKPRHGIPNNQKDTVCEDMTFSTWTPPPGVHSQTLRFFDKVQDLGRDYKPLA
 NNTIQSILQALDELLEAPGDLETLPRLQQHCVASHLLDGLLEDVLRGLSKNLSNGLLN
 SYPAGTELSLEVQKQVDRSVTLRQNQAVMQLDWNQAQKSGDPGSPVVGGLVSIPGM
 GKLLAEAPLVLEPEKQMLLHETHQGLLDGSPILLSDVISAFLSNNDTQNLSSPVFTF
 FSHRSVIPRQKVLVCFWEHGQNGCGHWATTGCSTIGTRDTSTICRCTHLSSFAVLM
 AHYDVQEEDPVLTVIT

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Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	ADGRE2 adhesion G protein-coupled receptor E2 [Homo sapiens (human)]
Official Symbol	ADGRE2
Synonyms	ADGRE2; adhesion G protein-coupled receptor E2; VBU; CD97; EMR2; CD312; adhesion G protein-coupled receptor E2; CD97 antigen; EGF-like module-containing mucin-like hormone receptor-like 2; Leukocyte antigen CD97; egf-like module containing, mucin-like, hormone receptor-like 2
Gene ID	30817
mRNA Refseq	NM_013447
Protein Refseq	NP_038475
MIM	606100
UniProt ID	Q9UHX3

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SDS-PAGE



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