

Recombinant Human CELSR3 Protein, His-tagged

Cat. No. CELSR3-474H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CELSR3(Ser1181~Cys1421) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser1181~Cys1421
Description	This gene belongs to the flamingo subfamily, which is included in the cadherin superfamily. The flamingo cadherins consist of nonclassic-type cadherins that do not interact with catenins. They are plasma membrane proteins containing seven epidermal growth factor-like repeats, nine cadherin domains and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic feature of their subfamily. The encoded protein may be involved in the regulation of contact-dependent neurite growth and may play a role in tumor formation.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CELSR3 cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila) [Homo sapiens]
Official Symbol	CELSR3
Synonyms	CELSR3; cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila); cadherin EGF LAG seven pass G type receptor 3, flamingo (Drosophila) homolog , EGFL1; cadherin EGF LAG seven-pass G-type receptor 3; CDHF11; FMI1; HFMI1; MEGF2; anchor protein; EGF-like protein 1; flamingo homolog 1; cadherin family member 11; EGF-like-domain, multiple 1; multiple EGF-like domains 2; epidermal growth factor-like 1; multiple EGF-like domains protein 2; epidermal growth factor-like protein 1; multiple epidermal growth factor-like domains protein 2; EGFL1; RESDA1;
Gene ID	1951

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mRNA Refseq	NM_001407
Protein Refseq	NP_001398
MIM	604264
UniProt ID	Q9NYQ7

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