Recombinant Human CELSR2 protein, His-tagged

Cat. No. CELSR2-357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CELSR2(Leu544~Ser796) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	544-796 a.a.
Description	The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. The specific function of this particular member has not been determined.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)

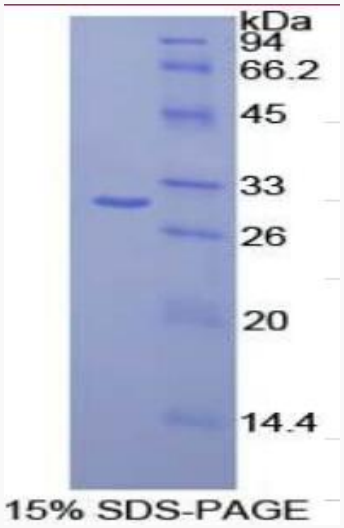
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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CELSR2 cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosophila) [Homo sapiens]
Official Symbol	CELSR2
Synonyms	CELSR2; cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosophila); cadherin, EGF LAG seven pass G type receptor 2, flamingo (Drosophila) homolog , EGFL2; cadherin EGF LAG seven-pass G-type receptor 2; CDHF10; Flamingo1; KIAA0279; MEGF3; EGF-like protein 2; flamingo homolog 3; cadherin family member 10; EGF-like-domain, multiple 2; epidermal growth factor-like 2; multiple EGF-like domains protein 3; epidermal growth factor-like protein 2; multiple epidermal growth factor-like domains 3; multiple epidermal growth factor-like domains protein 3; EGFL2; FLJ34118; FLJ42737; FLJ45143; FLJ45845;
Gene ID	1952
mRNA Refseq	NM_001408
Protein Refseq	NP_001399

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MIM	604265
UniProt ID	Q9HCU4
	

15% SDS-PAGE

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