Recombinant Human CGNL1, His-tagged

Cat. No. CGNL1-11150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGNL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	This gene encodes a member of the cingulin family. The encoded protein localizes to both adherens and tight cell-cell junctions and mediates junction assembly and maintenance by regulating the activity of the small GTPases RhoA and Rac1. Heterozygous chromosomal rearrangements resulting in association of the promoter for this gene with the aromatase gene are a cause of aromatase excess syndrome. Alternatively spliced transcript variants have been observed for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CGNL1 cingulin-like 1 [Homo sapiens]

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Official Symbol	CGNL1
Synonyms	Cgnl1; CGNL1_HUMAN; Cingulin like 1; Cingulin-like protein 1; FLJ14957; JACOP; Junction-associated coiled-coil protein; KIAA1749; MGC138254; Paracingulin;
Gene ID	84952
mRNA Refseq	NM_032866.4
Protein Refseq	NP_116255.2
MIM	607856
UniProt ID	Q0VF96
Chromosome Location	15q21.3
Function	motor activity;

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