

Recombinant Human ECT2 Protein, His-tagged

Cat. No. ECT2-691H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECT2(Leu166~Arg348) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu166~Arg348
Description	The protein encoded by this gene is a guanine nucleotide exchange factor and transforming protein that is related to Rho-specific exchange factors and yeast cell cycle regulators. The expression of this gene is elevated with the onset of DNA synthesis and remains elevated during G2 and M phases. In situ hybridization analysis showed that expression is at a high level in cells undergoing mitosis in regenerating liver. Thus, this protein is expressed in a cell cycle-dependent manner during liver regeneration, and is thought to have an important role in the regulation of cytokinesis. Several transcript variants encoding different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	22.8kDa
Endotoxin	<1.0EU per 1ug (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
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	ECT2 epithelial cell transforming sequence 2 oncogene [Homo sapiens]
Official Symbol	ECT2
Synonyms	ECT2; epithelial cell transforming sequence 2 oncogene; protein ECT2; ARHGEF31; epithelial cell-transforming sequence 2 oncogene; FLJ10461; MGC138291;
Gene ID	1894
mRNA Refseq	NM_001258315
Protein Refseq	NP_001245244
MIM	600586

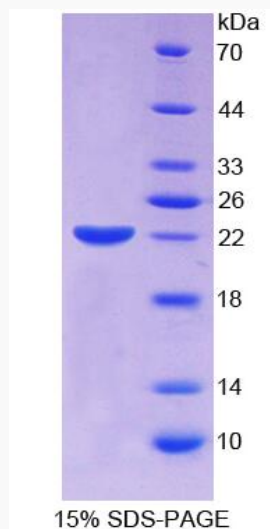
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UniProt ID

Q9H8V3

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