

Recombinant Human ECT2 Protein, GST-tagged

Cat. No. ECT2-3040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ECT2 partial ORF (AAH06838.1, 46 a.a. - 145 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	46-145 a.a.
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. [provided by RefSeq, Mar 2017]
Molecular Mass	36.63 kDa
AA Sequence	LPKENWLKMLCRHVANTICKADAENLIYTADPESFEVNTKDMDSTLSRASRAIKKTSK KVTRAFSFSKTPKRALRRALMTSHGSVEGRSPSSNDKHMVMSR
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

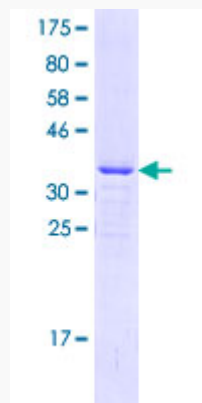
Gene Name	ECT2 epithelial cell transforming sequence 2 oncogene [Homo sapiens]
Official Symbol	ECT2
Synonyms	ECT2; epithelial cell transforming sequence 2 oncogene; protein ECT2; ARHGEF31; epithelial cell-transforming sequence 2 oncogene; FLJ10461; MGC138291;
Gene ID	1894
mRNA Refseq	NM_001258315
Protein Refseq	NP_001245244
MIM	600586
UniProt ID	Q9H8V3

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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