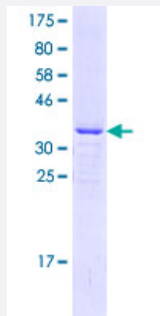


ECT2 (Human) Recombinant Protein (Q01)

Catalog # H00001894-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ECT2 partial ORF (AAH06838.1, 46 a.a. - 145 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	LPKENWLKMLCRHVANTICKADAENLIYTADPESFEVNTKDMDSTLSRASRAIKKTSKKVTRAFSFSKTPKRALRRALMTSHGSVEGRSPSSNDKHVMSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (86); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ECT2

Entrez GeneID [1894](#)

GeneBank Accession# [BC006838.1](#)

Protein Accession# [AAH06838.1](#)

Gene Name ECT2

Gene Alias FLJ10461, MGC138291

Gene Description epithelial cell transforming sequence 2 oncogene

Omim ID [600586](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a 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. [provided by RefSeq]

Other Designations epithelial cell transforming sequence 2 oncogene protein

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)

- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)