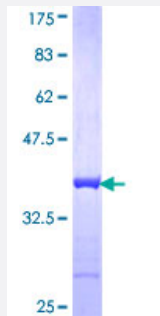


REV1L (Human) Recombinant Protein (Q01)

Catalog # H00051455-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human REV1L partial ORF (NP_057400, 1097 a.a. - 1194 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SPAKTLPGACGSPQKLIDGFLKHEGPPAEKPLEELSASTSGVPGLSSLQSDPAGCVRPPAPNLA GAVEFNDVKTLTREWITTISDPMEEDILQVVKYC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (77); Rat (62)
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 — REV1

Entrez GeneID [51455](#)

GeneBank Accession# [NM_016316](#)

Protein Accession# [NP_057400](#)

Gene Name REV1

Gene Alias FLJ21523, MGC163283, MGC26225, REV1L

Gene Description REV1 homolog (S. cerevisiae)

Omim ID [606134](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein with similarity to the S. cerevisiae mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. Two alternatively spliced transcript variants that encode different proteins have been found. [provided by RefSeq]

Other Designations OTTHUMP00000161216|REV1-like|REV1-like

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Carcinoma](#)

- [Cervical Intraepithelial Neoplasia](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)