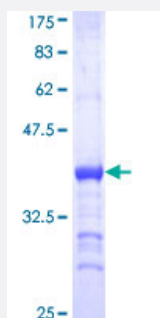# CDC5L (Human) Recombinant Protein (Q01)

Catalog #   H00000988-Q01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human CDC5L partial ORF (NP_001244, 719 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ILLGGYQSRAMGLMKQLNDLWDQIEQAHLELRTFEELKKHEDSAIPRRLECLKEDVQRQQEREKE LQHRYADLLLLEKETLKSKF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.98
Interspecies Antigen Sequence	Mouse (95); Rat (94)
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 — CDC5L

Entrez GeneID	988
GeneBank Accession#	NM_001253
Protein Accession#	NP_001244
Gene Name	CDC5L
Gene Alias	CEF1, KIAA0432, PCDC5RP, dJ319D22.1, hCDC5
Gene Description	CDC5 cell division cycle 5-like (S. pombe)
Omim ID	602868
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene shares a significant similarity with Schizosaccharomyces pombe cdc5 gene product, which is a cell cycle regulator important for G2/M transition. This protein has been demonstrated to act as a positive regulator of cell cycle G2/M progression. It was also found to be an essential component of a non-snRNA spliceosome, which contains at least five additional protein factors and is required for the second catalytic step of pre-mRNA splicing. [provided by RefSeq
Other Designations	CDC5 (cell division cycle 5, S. pombe, homolog)-like|CDC5-like|Cdc5-related protein|Cell division cycle 5, S. pombe, homolog-like|OTTHUMP00000016529|dJ319D22.1 (CDC5-like protein)

Disease

- Celiac Disease

- Genetic Predisposition to Disease