Recombinant Human ZFP36L1 protein, GST-tagged

Cat. No. ZFP36L1-3801H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZFP36L1(1 a.a. - 108 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-108 a.a.
Description	This gene is a member of the TIS11 family of early response genes, which are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. This gene is well conserved across species and has a promoter that contains motifs seen in other early-response genes. The encoded protein contains a distinguishing putative zinc finger domain with a repeating cys-his motif. This putative nuclear transcription factor most likely functions in regulating the response to growth factors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.62 kDa
AA Sequence	MTTTLVSATIFDLSEVLCKGNKMLNYSAPSAGGCLLDRKAVGTPAGGGFPRRHSVT LPSSKFHQNQLLSSLKGEP APALSSRDSRFRDRSFSEGGERLLPTQKQPGGG

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Applications	Enzyme-linked Immunoabsorbent Assay; 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.

GENE INFORMATION

Gene Name	ZFP36L1 zinc finger protein 36, C3H type-like 1 [Homo sapiens]
Official Symbol	ZFP36L1
Synonyms	ZFP36L1; zinc finger protein 36, C3H type-like 1; BRF1, zinc finger protein, C3H type, 36 like 1; zinc finger protein 36, C3H1 type-like 1; Berg36; cMG1; ERF1; RNF162B; TIS11B; EGF-response factor 1; butyrate response factor 1; early response factor Berg36; zinc finger protein, C3H type, 36-like 1; BRF1; ERF-1;
Gene ID	677
mRNA Refseq	NM_004926
Protein Refseq	NP_004917
MIM	601064
UniProt ID	Q07352
Chromosome Location	14q22-q24
Pathway	Destabilization of mRNA by Butyrate Response Factor 1 (BRF1), organism-specific

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	biosystem; Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
Function	AU-rich element binding; DNA binding; mRNA binding; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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