

## Product datasheet for **TP762030**

### Upstream Binding Protein 1 (UBP1) (NM\_014517) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human upstream binding protein 1 (LBP-1a) (UBP1), transcript variant 1, Lys47-Thr269, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Lys47-Thr269) of UBP1
Tag:	N-His
Predicted MW:	25.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_055332</a>
Locus ID:	7342
UniProt ID:	<a href="#">Q9NZI7</a>
RefSeq Size:	4162
Cytogenetics:	3p22.3
RefSeq ORF:	1620
Synonyms:	LBP-1a; LBP-1B; LBP1A; LBP1B



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**Summary:**

Functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA-box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Transcription Factors

**Product images:**