

Recombinant Human HDLBP protein, His & T7-tagged

Cat. No. HDLBP-7856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDLBP aa. (Pro158~Ala371 (Accession # Q00341)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro158~Ala371
Description	The protein encoded by this gene binds high density lipoprotein (HDL) and may function to regulate excess cholesterol levels in cells. The encoded protein also binds RNA and can induce heterochromatin formation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	HDLBP high density lipoprotein binding protein [Homo sapiens (human)]
Official Symbol	HDLBP
Synonyms	HDLBP; high density lipoprotein binding protein; HBP; VGL; PRO2900; vigilin; HDL-binding protein
Gene ID	3069
mRNA Refseq	NM_001243900.2
Protein Refseq	NP_001230829.1
UniProt ID	Q00341

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