

Recombinant Human OIT3 protein, His & T7-tagged

Cat. No. OIT3-1853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OIT3 aa. (Val297~Arg506 (Accession # Q8WWZ8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val297~Arg506
Description	This gene was identified due to its downregulation in hepatocarcinomas. The encoded protein may be involved in liver development and function.
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 6.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	OIT3 oncoprotein induced transcript 3 [Homo sapiens (human)]
Official Symbol	OIT3
Synonyms	OIT3; oncoprotein induced transcript 3; LZP; oncoprotein-induced transcript 3 protein; liver-specific ZP domain-containing protein; liver-specific zona pellucida domain-containing protein
Gene ID	170392
mRNA Refseq	NM_152635.2
Protein Refseq	NP_689848.1
UniProt ID	Q8WWZ8

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