Recombinant Human ORM1 protein, His-tagged

Cat. No. ORM1-7745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ORM1 aa. (Gln19~Ser201) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln19~Ser201
Description	This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression.
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.5.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive

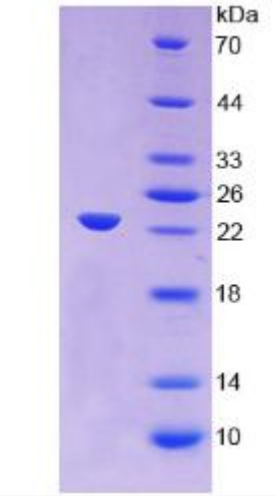
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	Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate 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.
Concentration	200μg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ORM1 orosomucoid 1 [Homo sapiens (human)]
Official Symbol	ORM1
Synonyms	ORM; AGP1; AGP-A; HEL-S-153w; AGP 1; OMD 1; epididymis secretory sperm binding protein Li 153w; alpha-1-acid glycoprotein 1
Gene ID	5004
mRNA Refseq	NM_000607.2
Protein Refseq	NP_000598.2

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UniProt ID	P02763
SDS-PAGE	

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