

Recombinant Mouse Orm1 protein, His-tagged

Cat. No. Orm1-7746M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Orm1 aa. (Gln19~Ala207 (Accession # Q60590)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln19~Ala207
Description	This gene encodes a member of the lipocalin family of proteins. The encoded protein is an abundant acute-phase protein that is synthesized by hepatocytes in response to cytokines during the acute phase response. The encoded protein may regulate inflammation and metabolism. This gene is present in a gene cluster on chromosome 4.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.

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Applications	SDS-PAGE; WB; ELISA; IP.
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.
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	Orm1 orosomucoid 1 [Mus musculus (house mouse)]
Official Symbol	Orm1
Synonyms	Agp-1; Agp-2; Orm-1; AGP 1; OMD 1; alpha-1-acid glycoprotein 1
Gene ID	18405
mRNA Refseq	NM_008768.2
Protein Refseq	NP_032794.1
UniProt ID	Q60590

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