

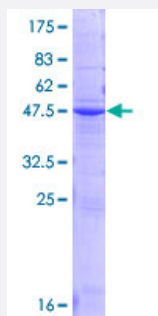
Full-Length

ORM2 (Human) Recombinant Protein (P01)

Catalog # H00005005-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ORM2 full-length ORF (NP_000599.1, 1 a.a. - 201 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MALSWVLTVLSLLPLLEAQIPLCANLVPVPITNATLDRITGKWFYIASAFRNEEYNKSVQEIQATFFY FTPKNKTEDTIFLREYQTRQNQCFYNSSYLVNQRENGTVSRYEAGGREHVAHLLFLRDTKTLMFGSYL DDEKNWGLSFYADKPETTKEQLGEFYEALDCLCIPRSDVMYTDWKKDKCEPLEKQHEKERKQE EGES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ORM2

Entrez GeneID	5005
GeneBank Accession#	NM_000608.2
Protein Accession#	NP_000599.1
Gene Name	ORM2
Gene Alias	AGP-B, AGP-B', AGP2
Gene Description	orosomucoid 2
Omim ID	138610
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000022746 alpha-1-acid glycoprotein, type 2

Publication Reference

- [Cardioprotective proteins upregulated in the liver in response to experimental myocardial ischemia.](#)

Liu SQ, Tefft BJ, Roberts DT, Zhang LQ, Ren Y, Li YC, Huang Y, Zhang D, Phillips HR, Wu YH.
American Journal of Physiology. Heart and Circulatory Physiology 2012 Oct; 303(12):H1446.

Application: ELISA, Mouse, Mouse serum

Disease

- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)