

## Product datasheet for PH304629

### Alpha 1 Acid Glycoprotein (ORM1) (NM\_000607) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ORM1 MS Standard C13 and N15-labeled recombinant protein (NP_000598)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204629
Predicted MW:	23.5 kDa
Protein Sequence:	>RC204629 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MALSWLTVLSLLPLLEAQIPLCANLVVPITNATLDRITGKWFYIASAFRNEEYNKSVQEIQATFFYFT PNKTEDTIFLREYQTRQDQCIYNTTYLNVQRENGTISRYYGGQEHFAHLLILRDTKYMLAFDVNDEKNW GLSVYADKPETTKEQLGEFYEALDCLRIPKSDVVYTDWKKDKCEPLEKQHEKERKQEEGES  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000598</a>
RefSeq Size:	847
RefSeq ORF:	603
Synonyms:	AGP-A; AGP1; HEL-S-153w; ORM
Locus ID:	5004
UniProt ID:	<a href="#">P02763</a>



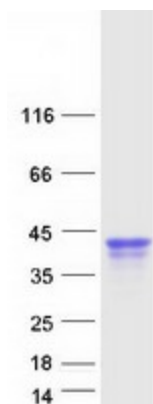
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**Cytogenetics:** 9q32

**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, Jul 2008]

**Protein Families:** Druggable Genome, Secreted Protein

**Product images:**



Coomassie blue staining of purified ORM1 protein (Cat# [TP304629]). The protein was produced from HEK293T cells transfected with ORM1 cDNA clone (Cat# [RC204629]) using MegaTran 2.0 (Cat# [TT210002]).