

## Orm2 Protein, Human (HEK293, His)

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| Cat. No.:         | HY-P7490   |
| Synonyms:         | rHualpha-1-acid glycoprotein 2, His; AGP2; ORM2; alpha-1-acid glycoprotein 2 |
| Species:          | Human  |
| Source:           | HEK293   |
| Accession:        | P19652 (Q19-S201)  |
| Gene ID:          | 5005   |
| Molecular Weight: | 25-50 kDa  |

### PROPERTIES

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|---------------------|--|
| AA Sequence         | <p>Q I P L C A N L V P      V P I T N A T L D R      I T G K W F Y I A S      A F R N E E Y N K S</p> <p>V Q E I Q A T F F Y      F T P N K T E D T I      F L R E Y Q T R Q N      Q C F Y N S S Y L N</p> <p>V Q R E N G T V S R      Y E G G R E H V A H      L L F L R D T K T L      M F G S Y L D D E K</p> <p>N W G L S F Y A D K      P E T T K E Q L G E      F Y E A L D C L C I      P R S D V M Y T D W</p> <p>K K D K C E P L E K      Q H E K E R K Q E E      G E S H H H H H H</p> |
| Appearance          | Lyophilized powder.  |
| Formulation         | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  |
| Endotoxin Level     | <1 EU/µg, determined by LAL method.  |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).  |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.   |
| Shipping            | Room temperature in continental US; may vary elsewhere.  |

### DESCRIPTION

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|------------|---|
| Background | Alpha-1-acid glycoprotein 2 (Orosomucoid, ORM) is an acute-phase protein that belongs to the immunocalin subfamily, a group of small-molecule-binding proteins with immunomodulatory functions. Alpha-1-acid glycoprotein 2 exerts anti-inflammatory effects by modulating microglial activation and migration during brain inflammation <sup>[1]</sup> . |
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### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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