

## Product datasheet for **TP720717XL**

### **LMAN2 (NM\_006816) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human lectin, mannose-binding 2 (LMAN2)
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Asp45-Arg322
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	32.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 50mM Tris-HCl, 10mM GSH, pH 8.0.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_006807</a>
<b>Locus ID:</b>	10960
<b>UniProt ID:</b>	<a href="#">Q12907</a> , <a href="#">A0A384NPY7</a>
<b>RefSeq Size:</b>	1853
<b>Cytogenetics:</b>	5q35.3
<b>RefSeq ORF:</b>	1068
<b>Synonyms:</b>	C5orf8; GP36B; VIP36



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**Summary:** This gene encodes a type I transmembrane lectin that shuttles between the endoplasmic reticulum, the Golgi apparatus and the plasma membrane. The encoded protein binds high mannose type glycoproteins and may facilitate their sorting, trafficking and quality control. [provided by RefSeq, Oct 2008]

**Protein Families:** Transmembrane