

---

## Product Datasheet

### Human Mucin-1 / MUC-1 (890-1158) Protein (orb612106)

**Description**

Human Mucin-1 (890-1158), His Tag is

(HEK293). It contains AA Ser 890...

**Reactivity**

Human

**Endotoxins**

1.0 EU per µg

**Conjugation**

Unconjugated

**Target**

Mucin-1

**Preservatives**

PBS, pH7.4

**Form/Appearance**

Powder

**Storage**

-20°C

**Tag**

C-10×His

**Note**

For research use only

**Application notes**

This protein carries a polyhistidine tag at the C-terminus. The mature form of Mucin-1 is a non-covalent heterodimeric complex with the proteolytically cleaved partial  $\alpha$  and partial  $\beta$  chain. Each partial  $\alpha$  and partial  $\beta$  chain has a calculated MW of 21.3 kDa (partial  $\alpha$  chain) and 8.4 kDa (partial  $\beta$  chain). The protein migrates as 45-80 kDa (partial  $\alpha$  and partial  $\beta$  chain) and 10 kDa (partial  $\beta$  chain) under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Protein Sequence**

Ser 890 - Gly 1158

**Purity**

90%

**Source**

Human Mucin-1 (890-1158), His Tag (orb612106) is expressed from human 293 cells (HEK293). It contains AA Ser 890 - Gly 1158 (Accession # P15941-1).

**MW**

21.3 kDa (partial  $\alpha$  chain) & 8.4 kDa (partial  $\beta$  chain)

**Uniprot ID**

**P15941**

**Expiration Date**

6 months from date of receipt.