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## Product Datasheet

### Human Insulin R / CD220 (28-944) Protein (orb545724)

**Description**

Human Insulin R (28-944), His Tag is

(HEK293). It contains AA His 28 ...

**Reactivity**

Human

**Endotoxins**

1.0 EU per µg

**Conjugation**

Unconjugated

**Target**

Insulin R

**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 Insulin R a disulfide-linked heterotetramer composed of 2 alpha and 2 beta chains. Each  $\alpha$  and  $\beta$  chain (partial fragment) has a calculated MW of 83.6 kDa and 22.8 kDa. The protein migrates as 120-130 kDa and 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Protein Sequence**

NP\_000199.2

**Purity**

90%

**Source**

Human Insulin R (28-944), His Tag (orb545724) is expressed from human 293 cells (HEK293). It contains AA His 28 - Lys 944 (Accession # P06213-2).

**MW**

83.6 kDa and 22.8 kDa

**Uniprot ID**[P06213](#)**NCBI**[NP\\_000199.2](#)**Expiration Date**

6 months from date of receipt.