



Recombinant Protein Technical Manual

**Recombinant Rat IL9R/Interleukin 9 receptor
Protein (His Tag)
RPES1071**

Product Data:

Product SKU: RPES1071

Size: 20µg

Species: Rat

Expression host: HEK293 Cells

Uniprot: EDM04022.1

Protein Information:

Molecular Mass: 28.2 kDa

AP Molecular Mass: 36 kDa

Tag: C-His

Bio-activity:

Purity: > 90 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: IL9R

Immunogen Information:

Sequence: Met 1-Ala 270

Background:

Interleukin 9 (IL9) is involved in mast cell maturation and the enhancement of IgE production by B cells. Furthermore, linkage data in human and mice have suggested that IL9 may contribute to asthma. IL9R is known to be autosomal in mice, and is X-linked only in primates. The more recent X linkage and more telomeric position of the IL9R gene may explain its autosomal, 'uninactivated' transcriptional status.