

Recombinant Human Polymeric Immunoglobulin Receptor/PlgR (C-His) Catalog No: BP074

Description Recombinant Human Polymeric Immunoglobulin Receptor is produced by Human 293 Cells. The

target gene encoding K19-R638 is expressed with an 8His tag at the C terminus.

Expression System Human

Alternative name "Polymeric Immunoglobulin Receptor; PlgR; Poly-lg Receptor; Hepatocellular Carcinoma-

Associated Protein TB6; PIGR"

Accession No. P01833 Predicted 70.9kDa

Molecular Weight

Apparent PIgR appeared as a smear at 66-116kDa in a reducing SDS-PAGE gel due to glycosylation.

Molecular Weight

Quality Control Purity: greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by TAL test.

Formulation PBS, pH 7.5

Reconstitution It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage 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.

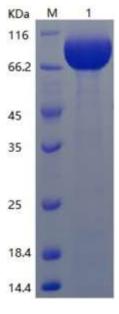
Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Background Polymeric Immunoglobulin Receptor (plgR) is a type I transmembrane glycoprotein. plgR is

expressed by secretory epithelial cells with five Ig-like domains in the extracellular region, and transfer to the basolateral plasma membrane where it can bind larger polymers of IgA (plgA) and pentameric IgM. The complex is then transported across the cell to be secreted at the apical surface. During this process, a cleavage occurs and separates the extracellular (known as the secretory

component) from the transmembrane segment.

SDS-PAGE



M: Marker

1: Sample in reducing conditions

