



Recombinant Protein Technical Manual

Recombinant Mouse COLEC10 Protein (Fc Tag)

RPES3445

Product Data:

Product SKU: RPES3445

Size: 20µg

Species: Mouse

Expression host: HEK293 Cells

Uniprot: Q8CF98

Protein Information:

Molecular Mass: 47 kDa

AP Molecular Mass: 53 kDa

Tag: N-Fc

Bio-activity:

Purity: > 85 % 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: CL-L1

Immunogen Information:

Sequence: Cys119-Lys277

Background:

COLEC10 is a member of the C-lectin family. Members of this family possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. This gene product is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins.