



Recombinant Protein Technical Manual

Recombinant Human MD1 Protein (Fc Tag)

RPES4240

Product Data:

Product SKU: RPES4240

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O95711

Protein Information:

Molecular Mass: 42.8 kDa

AP Molecular Mass: 45-55 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg 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 a 0.2 µm filtered solution of PBS, pH7.4.

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

Application:

Synonyms: Lymphocyte antigen 86;LY86;MD1;Protein MD

Immunogen Information:

Sequence: Gly21-Ser162

Background:

LY86 is a protein that in humans is encoded by the LY86 gene, which May cooperate with CD180 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) and cytokine production. Important for efficient CD180 cell surface expression.