

Recombinant Human MD1 Protein (Fc Tag)

Catalog Number:PKSH033434



Note: Centrifuge before opening to ensure complete recovery of vial contents.

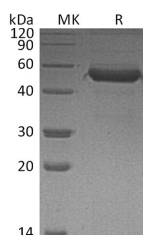
Description

Synonyms	Lymphocyte antigen 86;LY86;MD1;Protein MD-1
Species	Human
Expression Host	HEK293 Cells
Sequence	Gly21-Ser162
Accession	O95711
Calculated Molecular Weight	42.8 kDa
Observed molecular weight	45-55 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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