Recombinant Human CD82 protein(Gly111-Leu228), His-tagged

Cat. No. CD82-3969H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD82 (P27701-1) (Gly 111-Leu 228) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	111-228 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CD82 consists of 129 amino acids and has a predicted molecular mass of 15 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 25-33 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD82 CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal [Homo sapiens]
Official Symbol	CD82
Synonyms	CD82; CD82 antigen (R2 leukocyte antigen, antigen detected; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal; SAR2;
Gene ID	8052

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