Recombinant Mouse CD47 protein (Met1-Lys140)

Cat. No. CD47-380M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD47 (ADQ12919.1) (Met1-Lys140) protein, fused with no tag, was expressed in HEK293 Cells.
Species	Mouse
Source	HEK293
ProteinLength	1-140 a.a.
CommonName	CD47
Predicted N Terminal	Gln 19
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant mouse CD47 consists of 122 amino acids and predicts a molecular mass of 13.8 kDa.
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

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Cd47 CD47 antigen (Rh-related antigen, integrin-associated signal transducer) [Mus musculus]
Official Symbol	CD47
Synonyms	CD47; CD47 antigen (Rh-related antigen, integrin-associated signal transducer); leukocyte surface antigen CD47; Rh-related antigen; integrin-associated protein; IAP; Itgp; AA407862; AI848868; AW108519; 9130415E20Rik; B430305P08Rik;
Gene ID	16423
mRNA Refseq	NM_010581
Protein Refseq	NP_034711

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