

Active Recombinant Rhesus ADAM8 protein, His-tagged

Cat. No. ADAM8-615R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus ADAM8 protein(XP_002805919.1) (Met1-Pro497) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Pro497
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-PLAQAV-Dpa-RSSSR-NH ₂ , R&D Systems. The specific activity is > 0.5 pmols/min/μg.
Molecular Mass	The recombinant rhesus ADAM8 comprises 488 amino acids and has a calculated molecular mass of 53.6 KDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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.

Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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