

Mouse MFGE-8 Protein

Cat. No. MFG-MM108

Description

Source	Recombinant Mouse MFGE-8 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Ala23-Cys463.
Accession	P21956-1
Molecular Weight	The protein has a predicted MW of 50.1 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

MFGE8 (Milk Fat Globule EGF And Factor V/VIII Domain Containing) is a Protein Coding gene. Diseases associated with MFGE8 include Anal Paget's Disease and Topographical Agnosia. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Extracellular vesicle-mediated signaling in recipient cells. This protein plays an important role in the maintenance of intestinal epithelial homeostasis and the promotion of mucosal healing.

Assay Data

Bis-Tris PAGE



Mouse MFGE-8 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.