

Mouse MFGE-8 Protein

Cat. No. MFG-MM108

Description

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| 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 μ g by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

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| Formulation | Supplied as 0.22 μ m filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. 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%.