

## Recombinant Human MILR1 Protein, His tagged

**Cat. No.** MILR1-001H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MILR1 Protein with His tag was expressed in E. coli.                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 29-131 aa                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Predicted to enable transmembrane signaling receptor activity. Predicted to be involved in cell surface receptor signaling pathway; mast cell degranulation; and negative regulation of mast cell activation. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 13 kDa                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MKTNDPVTSPVLNIMVIQTETDRHITLHCLSVNGSLPINYTFFENHVAISPAISKYDRE<br>PAEFNLTKKNPGEEEEYRCEAKNRLPNYATYSHPVTMPSTGGDSHHHHHHHH                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | < 1 EU/μg by LAL                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the                                                                                                                                                                                                                                |

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile PBS, pH7.4, 10% Glycerol

**Concentration** 0.55 mg/mL by Bradford

## GENE INFORMATION

**Gene Name** MILR1 mast cell immunoglobulin like receptor 1 [ Homo sapiens (human) ]

**Official Symbol** MILR1

**Synonyms** MILR1; mast cell immunoglobulin like receptor 1; MCA32; MCA-32; C17orf60; Allergin-1; allergin-1; llergy inhibitory receptor 1; mast cell antigen 32; probable mast cell antigen 32 homolog

**Gene ID** 284021

**mRNA Refseq** NM\_001085423

**Protein Refseq** NP\_001078892

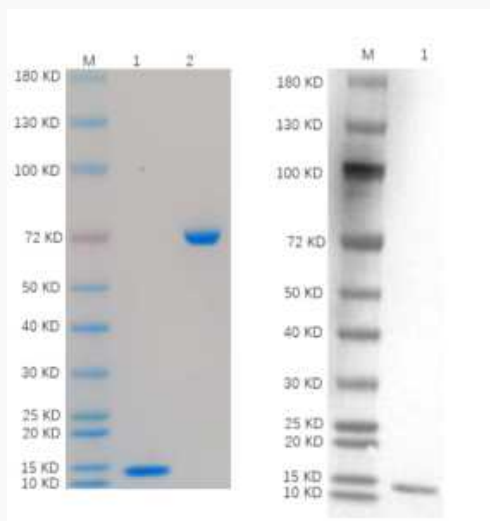
**UniProt ID** Q7Z6M3

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**Reducing 4%-20%  
SDS-PAGE (CBB  
stained) and WB  
(Anti-His Mouse  
Monoclonal  
antibody) analysis  
profiles of purified  
MILR1.**



1. MILR1: 1  $\mu$ g

2. BSA: 1  $\mu$ g

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