

## Recombinant Human JAM2 protein, His-tagged

**Cat. No.** JAM2-3129H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human JAM2 protein(P57087)(29-238aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 29-238aa                                                                                                                                                                                                                                         |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 27.5 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | FSAPKDQQVVTAVEYQEAILACKTPKKTVSSRLEWKKLGRSVSFVYYQQTLQGDFK<br>NRAEMIDFNIRIKNVTRSDAGKYRCEVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEV<br>PSSALSGTVVELRCQDKEGNPAPEYTWFKDGIRLLENPRLGSQSTNSSYTMNTKTG<br>TLQFNTVSKLDTGEYSCEARNSVGYYRRCPGKRMQVDDLNIS                  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

|                  |                                                      |
|------------------|------------------------------------------------------|
| <b>Gene Name</b> | JAM2 junctional adhesion molecule 2 [ Homo sapiens ] |
|------------------|------------------------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | JAM2 |
|------------------------|------|

|                 |                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | JAM2; junctional adhesion molecule 2; C21orf43; junctional adhesion molecule B; CD322; JAM B; JAMB; VE JAM; JAM-2; JAM-IT/VE-JAM; vascular endothelial junction-associated molecule; JAM-B; VEJAM; PRO245; VE-JAM; |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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| <b>Gene ID</b> | 58494 |
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| <b>mRNA Refseq</b> | NM_021219 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_067042 |
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| <b>MIM</b> | 606870 |
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| <b>UniProt ID</b> | P57087 |
|-------------------|--------|

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