

# Recombinant Human THEMIS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. THEMIS2-3515H Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | C1orf38 MS Standard C13 and N15-labeled recombinant protein (NP_004839) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | May constitute a control point in macrophage inflammatory response, promoting LPS-induced TNF production.   |
| <b>Molecular Mass</b>   | 29.1 kDa  |
| <b>AA Sequence</b>      | MEPVPLQDFVRALDPASLPRVLRVCSGVYFEGSIYEISGNECCLSTGDLIKVTQVRL<br>QKVV CENPKTSQTMELAPNFQGYFTPLNTPQSYETLEELVSATTQSSKQLPTCFMS<br>THRIVTEGRVV TEDQLLMLEAVVMHLGIRSARCVLGM EGQQVILHLPLSQKGPFWT<br>WEPSAPR TLLQVLQDPALKDLVLTCTLPW HSLILRPQYEIQAIMHIFSSLRIAATRSA<br>AQTQGEDLARVHQGWLQYVQQDSCPQEGPQARTRTRPLEQKLISEEDLAANDILDY<br>KDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.  |

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|-------------------------|---|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.   |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA   |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.   |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | THEMIS2 thymocyte selection associated family member 2 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b>  | THEMIS2   |
| <b>Synonyms</b>         | THEMIS2; thymocyte selection associated family member 2; ICB1; ICB-1; C1orf38; protein THEMIS2; basement membrane-induced; induced by contact to basement membrane 1 protein; protein ICB-1; thymocyte-expressed molecule involved in selection protein 2 |
| <b>Gene ID</b>          | 9473  |
| <b>mRNA Refseq</b>      | NM_004848   |
| <b>Protein Refseq</b>   | NP_004839   |
| <b>MIM</b>              | 617856  |
| <b>UniProt ID</b>       | Q5TEJ8  |

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**SDS-PAGE**



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