

# Recombinant Human FAM3A Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FAM3A-3811H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FAM3A MS Standard C13 and N15-labeled recombinant protein (NP_068578) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a cytokine-like protein. The expression of this gene may be regulated by peroxisome proliferator-activated receptor gamma, and the encoded protein may be involved in the regulation of glucose and lipid metabolism. Alternative splicing results in multiple transcript variants. |
| <b>Molecular Mass</b>   | 25.2 kDa                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MRLAGPLRIVVLVSVGVTVWIVVSILLGGPGSGFPRIQQLFTSPESSVTAAPRARKYK<br>CGLPQPCPEEHLAFRVVSGAANVIGPKICLEDKMLMSSVKDNVGRGLNIALVNGVSG<br>ELIEARAFDMWAGDVNDLLKFIRPLHEGTLVFVASYDDPATKMNEETRKLFSELGSR<br>NAKELAFRDSWVFGAKGVQNKSPFEQHVKNKSKHSNKYEGWPEALEMEGCIPRRS<br>TASTRTRPLEQKLISEEDLAANDILDYKDDDDKV                 |
| <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.                     |

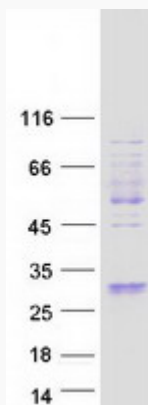
## GENE INFORMATION

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FAM3A FAM3 metabolism regulating signaling molecule A [ Homo sapiens (human) ]                                                                   |
| <b>Official Symbol</b> | FAM3A                                                                                                                                            |
| <b>Synonyms</b>        | family with sequence similarity 3, member A; 13749; Ensembl:ENSG00000071889; protein FAM3A;cytokine-like protein 2-19; DLD; 2.19; XAP-7; DXS560S |
| <b>Gene ID</b>         | 60343                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_021806                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_068578                                                                                                                                        |
| <b>MIM</b>             | 300492                                                                                                                                           |
| <b>UniProt ID</b>      | P98173                                                                                                                                           |

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**SDS-PAGE**

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