

# Recombinant Human ZSWIM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZSWIM1-1216H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZSWIM1 MS Standard C13 and N15-labeled recombinant protein (NP_542170) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | ZSWIM1 (Zinc Finger SWIM-Type Containing 1) is a Protein Coding gene. Diseases associated with ZSWIM1 include Periodic Limb Movement Disorder and Benign Epilepsy With Centrotemporal Spikes. An important paralog of this gene is ZSWIM3.                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 55.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>MLERLKAPWSAALQRKYFDLGIWTAPISPMALTMLNGLLIKDSSPPMLLHQVNKTAQ<br/> LDTFNYQSCFMQSVFDHFPEILFIHRTYNPRGKVLTYFLVDGPRVQLEGHLARAVYF<br/> AIPAKEDTEGLAQMFQVFKKFNPAWERVCTILVDPHFLPLILAMEFPTAEVLLSAFHI<br/> CKFLQAKFYQLSLERPVERLLLTSLQSTMCSATAGNLRKLYTLLSNCIPPAKLPELHS<br/> HWLLNDRIWLHRWRSRAESSHYFQSLEVTTTHILSQFFGTTPSEKQGMASLFRYMQ<br/> QNSADKANFNQGLCAQNNHAPSDTIPESPKLEQLVESHIQHSLNAICTGPAAQLCLG<br/> ELAVVQKSTHLIGSGSEKMNIQILEDTHKVQPQPPASCSCYFNQAFHLPCRHLAMLS<br/> ARRQVLQPDMLPAQWTAGCATSLDSILGSKWSETLDKHLAVTHLTEEVGQLLQHCT<br/> KEEFERRYSTLRELADSWIGPYEQVQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <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.                                                    |

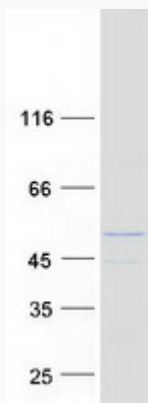
## GENE INFORMATION

|                        |                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ZSWIM1 zinc finger SWIM-type containing 1 [ Homo sapiens (human) ]                                                                         |
| <b>Official Symbol</b> | ZSWIM1                                                                                                                                     |
| <b>Synonyms</b>        | ZSWIM1; zinc finger SWIM-type containing 1; C20orf162; zinc finger SWIM domain-containing protein 1; zinc finger, SWIM domain containing 1 |
| <b>Gene ID</b>         | 90204                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_080603                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_542170                                                                                                                                  |
| <b>UniProt ID</b>      | Q9BR11                                                                                                                                     |

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**SDS-PAGE**

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