

# Recombinant Human CACNA1D Protein (Met1-Lys163), N-His-tagged

**Cat. No.** CACNA1D-0466H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CACNA1D (Met1-Lys163) was fused with the N-His tag and was expressed in E. coli.                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Lys163                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 20.46 kDa                                                                                                                                                                               |
| <b>Purity</b>           | >90% as determined by SDS-PAGE                                                                                                                                                          |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | 0.01M PBS, pH 7.4, 0.02% NLS                                                                                                                                                            |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

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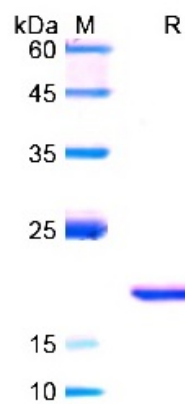
**Shipping**

They are shipped out with dry ice/blue ice unless customers require otherwise.

**GENE INFORMATION**

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CACNA1D calcium channel, voltage-dependent, L type, alpha 1D subunit [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CACNA1D                                                                                       |
| <b>Synonyms</b>        | CACH3; CACN4; Cav1.3; CCHL1A2; CACNL1A2                                                       |
| <b>Gene ID</b>         | 776                                                                                           |
| <b>mRNA Refseq</b>     | NM_001128840                                                                                  |
| <b>Protein Refseq</b>  | NP_001122312                                                                                  |
| <b>MIM</b>             | 114206                                                                                        |
| <b>UniProt ID</b>      | Q01668                                                                                        |

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**SDS-PAGE**

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