

## Recombinant Human SLC25A33 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SLC25A33-2990H    **Lot. No.** (See product label)

### SPECIFICATION

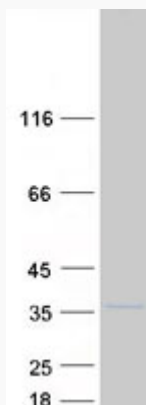
|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SLC25A33 MS Standard C13 and N15-labeled recombinant protein (NP_115691) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | SLC25A33 belongs to the SLC25 family of mitochondrial carrier proteins.                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 35.4 kDa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MATGGQQKENTLLHLFAGGCGGTGVAIFTCPLEVIKTRLQSSRLALRTVYYPQVHLG<br>TISGAGMVRPTSVTPGLFQVLKSILEKEGPKSLFRGLGPNLVGVAPSRAVYFACYSK<br>AKEQFNGIFVPNSNIVHIFSAGSAAFITNSLMNPIWMVKTRMQLEQKVRGSKQMNTL<br>QCARYVYQTEGIRGFYRGLTASYAGISETIICFAIYESLKKYLKEAPLASSANGTEKNS<br>TSFFGLMAAAALSKGCASCIAYPHEVIRTRLREEGTKYKSFVQTARLVFREEGYLAFY<br>RGLFAQLIRQIPNTAIVLSTYELIVYLLEDRTQTRTRPLEQKLISEEDLAANDILDYKDD<br>DDKV |
| <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>        | SLC25A33 solute carrier family 25 member 33 [ Homo sapiens (human) ]                                                                                                                                                                                                                                          |
| <b>Official Symbol</b>  | SLC25A33                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>         | SLC25A33; solute carrier family 25 member 33; PNC1; BMSC-MCP; solute carrier family 25 member 33; bone marrow stromal cell mitochondrial carrier protein; huBMSC-MCP; mitochondrial carrier protein; novel mitochondrial carrier protein; solute carrier family 25 (pyrimidine nucleotide carrier), member 33 |
| <b>Gene ID</b>          | 84275                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_032315                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_115691                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>              | 610816                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>       | Q9BSK2                                                                                                                                                                                                                                                                                                        |

**SDS-PAGE**

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