

## Recombinant Mouse Antxr2, His-tagged

**Cat. No.** Antxr2-478M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the extracellular domain of mouse ANT XR2 (NP_598499.1) (Met1-Gly318) was expressed with a C-terminal polyhistidine tag.                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                               |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-Gly318                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant mouse ANT XR2 comprises 298 amino acids and has a predicted molecular mass of 32.3 kDa. The apparent molecular mass of the protein is approximately 33.6 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                     |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                                                     |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                 |
| <b>Reconstitution</b>   | Hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                    |

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## GENE INFORMATION

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Gene Name       | Antxr2 anthrax toxin receptor 2 [ Mus musculus ]                               |
| Official Symbol | Antxr2                                                                         |
| Synonyms        | ANTXR2; anthrax toxin receptor 2; CMG2; CMG-2; cl-35; AW561899; 2310046B19Rik; |
| Gene ID         | 71914                                                                          |
| mRNA Refseq     | NM_133738                                                                      |
| Protein Refseq  | NP_598499                                                                      |
| Function        | metal ion binding; receptor activity;                                          |

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