

## MEGF10 recombinant protein

Human MEGF10 Protein (His Tag)

CATALOG #  
**AAA173519**

HOST  
**HEK293 Cells**

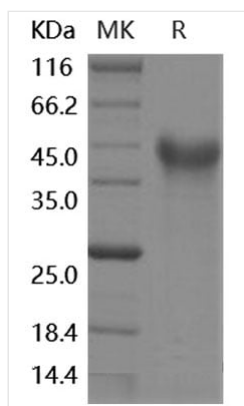
### PRODUCT SYNONYMS

MEGF10; Human MEGF10 Protein (His Tag); KIAA1780; MEGF10 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 Cells                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | > 90 % as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                                 |
| Form/Format             | Lyophilized from sterile PBS, pH 7.4, 5% , 5% Mannitol, 0.01 % Tween-80                                                                                                                                                                                                                                    |
| Sequence                | Met1-Gly85 7                                                                                                                                                                                                                                                                                               |
| Sequence Length         | 1140                                                                                                                                                                                                                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                                                                                      |
| Tag                     | C-His                                                                                                                                                                                                                                                                                                      |
| Endotoxin               | <1.0 EU per mug protein as determined by the LAL method.                                                                                                                                                                                                                                                   |
| Reconstituted           | We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.13mg/mL. Concentration is measured by UV-Vis.                                                   |
| Preparation and Storage | Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs. |

### IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MEGF10 recombinant protein | Background: This gene encodes a member of the multiple epidermal growth factor-like domains protein family. The encoded protein plays a role in cell adhesion, motility and proliferation, and is a critical mediator of apoptotic cell phagocytosis as well as amyloid-beta peptide uptake in the brain. Expression of this gene may be associated with schizophrenia, and mutations in this gene are a cause of early-onset myopathy, areflexia, respiratory distress, and dysphagia (EMARDD) as well as congenital myopathy with minicores. Alternatively spliced transcript variants have been observed for this gene. |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 14192943                                                           |
| NCBI GeneID                      | 84466                                                              |
| NCBI Accession #                 | NP_115822.1                                                        |
| NCBI GenBank Nucleotide #        | NM_032446.2                                                        |
| NCBI Official Full Name          | multiple epidermal growth factor-like domains protein 10 isoform a |
| NCBI Official Synonym Full Names | multiple EGF like domains 10                                       |
| NCBI Official Symbol             | MEGF10                                                             |
| NCBI Official Synonym Symbols    | EMARDD                                                             |
| NCBI Protein Information         | multiple epidermal growth factor-like domains protein 10           |
| UniProt Protein Name             | Multiple epidermal growth factor-like domains protein 10           |
| UniProt Gene Name                | MEGF10                                                             |
| UniProt Synonym Gene Names       | KIAA1780; Multiple EGF-like domains protein 10                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/megf10-recombinant-protein-hek293/173519>