

## Product datasheet for **TP315628M**

### EDA (NM\_001005610) Human Recombinant Protein

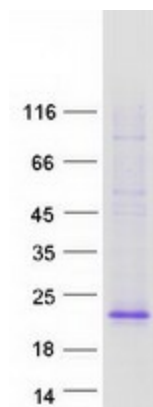
#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human ectodysplasin A (EDA), transcript variant 3, 100 µg  |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC215628 representing NM_001005610<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <br>MGYPEVERRELLPAAAPRERGSQGC GCGGAPARAGEGNSCLLFLGFFGLSLALHLLTLCCYLELRSELRR<br>ERGAESRLGGSGTPGTSGTLSSLGGLDPDSPITSHLGQSPKQQPLEPGEAALHSDSQDGHQMALLNFFF<br>PDEKPYSEESRRVRRNKRSKSNEGADGKSTQLILYHF<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 19 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <u><a href="#">NP_001005610</a></u>   |
| Locus ID:                             | 1896  |
| UniProt ID:                           | <u><a href="#">Q92838</a></u>   |
| RefSeq Size:                          | 1089  |



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|                          |  |
|--------------------------|--|
| <b>Cytogenetics:</b>     | Xq13.1   |
| <b>RefSeq ORF:</b>       | 534  |
| <b>Synonyms:</b>         | ECTD1; ED1; ED1-A1; ED1-A2; EDA-A1; EDA-A2; EDA1; EDA2; HED; HED1; ODT1; STHAGX1; TNLG7C; XHED; XLHED  |
| <b>Summary:</b>          | The protein encoded by this gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia. Several transcript variants encoding many different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| <b>Protein Families:</b> | Druggable Genome, Secreted Protein, Transmembrane  |
| <b>Protein Pathways:</b> | Cytokine-cytokine receptor interaction   |

**Product images:**

Coomassie blue staining of purified EDA protein (Cat# [TP315628]). The protein was produced from HEK293T cells transfected with EDA cDNA clone (Cat# [RC215628]) using MegaTran 2.0 (Cat# [TT210002]).