

## Product datasheet for **TP503373**

### Dhrs11 (NM\_177564) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse dehydrogenase/reductase (SDR family) member 11 (Dhrs11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug   |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR203373 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <br>MTRAGMERWRDRLALVTGASGGIGA AAVARALVQQLKVVGCARTVGNIEELAAECKSAGYPGTLIPYRCD<br>LSNEEDILSMFSAVRSQHSGVDICINNAGMARPD TLLSGSTSGWKDMFNVNLALSICTREAYQSMKERN<br>IDDGHIINISMCGHRVPPQSVIHFYSATKYAVTALTEGLRQELLEAQTHIRATCISPGLVETQFAFKLH<br>DKDPGEAAATYEHKCLRPEDVAEAVIYVLSTPPHVQVGD IQMRPTEQVT<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK  |
| Predicted MW:                         | 28.3 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   |
| 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 after receiving vials.  |
| 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:                               | <a href="#">NP_808232</a>  |
| Locus ID:                             | 192970   |
| UniProt ID:                           | <a href="#">Q3U0B3</a>   |
| RefSeq Size:                          | 1421   |



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**Cytogenetics:** 11 C

**RefSeq ORF:** 783

**Synonyms:** MGC18716

**Summary:** Catalyzes the conversion of the 17-keto group of estrone, 4- and 5-androstenes and 5-alpha-androstanes into their 17-beta-hydroxyl metabolites and the conversion of the 3-keto group of 3-, 3,17- and 3,20- diketosteroids into their 3-hydroxyl metabolites. Exhibits reductive 3-beta-hydroxysteroid dehydrogenase activity toward 5-beta-androstanes, 5-beta-pregnanes, 4-pregnanes and bile acids. May also reduce endogenous and exogenous alpha-dicarbonyl compounds and xenobiotic alicyclic ketones.[UniProtKB/Swiss-Prot Function]