

Product datasheet for **TP318348M**

DUX5 (NM_012149) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human double homeobox, 5 (DUX5), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC218348 representing NM_012149 Red =Cloning site Green =Tags(s) |
| | MPAEVHGSPASLPCQSVKFRPGLPEMALLTALDDTLPEEAQGPGRRMILLSTPSQSDALRACFERNLY PGIATKEELAQGIDIPEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF EKDRFPGIAAREELARETGLPESRIQWFQNRARRHRGQSGRAPTQASIRCNAAPIG |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 22 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>NP_036281</u> |
| Locus ID: | 26581 |
| UniProt ID: | <u>Q96PT3</u> , <u>A0A384NPT7</u> |
| RefSeq Size: | 594 |



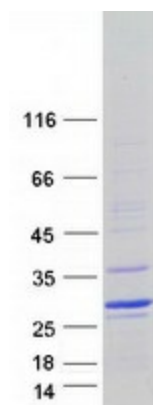
[View online »](#)

RefSeq ORF: 591

Synonyms: DUX1

Summary: The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX5, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM 606009). [supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified DUX5 protein (Cat# [TP318348]). The protein was produced from HEK293T cells transfected with DUX5 cDNA clone (Cat# [RC218348]) using MegaTran 2.0 (Cat# [TT210002]).