

Product datasheet for **TP318348L**

DUX5 (NM_012149) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human double homeobox, 5 (DUX5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218348 representing NM_012149 Red =Cloning site Green =Tags(s)
	MPAEVHGSPASLPCQSVKFRPGLPEMALLTALDDTLPEEAQGPGRRMILLSTPSQSDALRACFERNLY PGIATKEELAQGIDIPEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF EKDRFPGIAAREELARETGLPESRIQIWFQNRARRHRGQSGRAPTQASIRCNAAPIG
	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



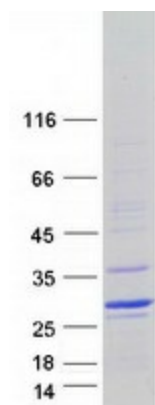
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RefSeq ORF: 591

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]).