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Product datasheet for PH318348

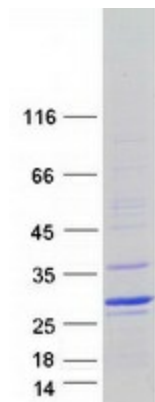## DUX5 (NM_012149) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DUX5 MS Standard C13 and N15-labeled recombinant protein (NP_036281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218348
Predicted MW:	22 kDa
Protein Sequence:	>RC218348 representing NM_012149 Red=Cloning site Green=Tags(s) MPAEVHGSPPASLCPCQSVKFRPGLPEMALLTALDDTLPEEAQGPGRRMILLSTPSQSDALRACFERNLY PGIATKEELAQGIDIPEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF EKDRFPGIAAREELARETGLPESRIQIWFQNRRARHRGQSGRAPTQASIRCNAAPIG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036281
RefSeq Size:	594
RefSeq ORF:	591
Synonyms:	DUX1
Locus ID:	26581
UniProt ID:	Q96PT3, A0A384NPT7

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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]).