

## Product datasheet for PH314783

### Cadherin 24 (CDH24) (NM\_022478) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CDH24 MS Standard C13 and N15-labeled recombinant protein (NP_071923)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214783
Predicted MW:	87.6 kDa
Protein Sequence:	>RC214783 representing NM_022478 Red=Cloning site Green=Tags(s)

MWGLVRLLLAWLGGWGCMLAAPARAWAGSREHPGALLRTRRSVWNQFFVIEEYAGPEPVLIGKLHS  
DVDRGEGRTKYLLTGEGAGTVFVIDEATGNIHVTKSLDREEKAQYVLLAQAVDRASNRPLEPPSEFIIKV  
QDINDNPPIFPLGPYHATVPMSNVGTSVIQVTAHDADDPSYGNsAKLVYTVLDGLPFFSVDPQTGVVRT  
AIPNMDRETQEEFLVVIQAKDMGGHMGGLSGSTTVTVTLSDVNDNPPKFPQSLYQFSVETAGPGTLVGR  
LRAQDPDLGDNALMAYSILDGEGSEAFSISTDLQGRDGLLTVRKPLDFESQRSYSFRVEATNTLIDPAYL  
RRGPFKDVASVRVAVQDAPEPPAFTQAAYHLTPENKAPGTLVGQISAADLDSPASPIRYSILPHSDPER  
CFSIQPEEGTIHTAAPLDREARAWHNLTVLATELGWSWGPFRGWVPLLVAEWSAPAAPPQRSPVGSVGI  
PQDSSAQASRVQVAIQTLDENDNAPQLAEPYDTFVCDsAAPGQLIQVIRALDRDEVGNSSHSVFSQGPLG  
DANFTVQDNRDGSASLLLPsrPAPRRHAPYLVPiELWDWGPALsSTATVTVSVCRCQPDGsvASCWPEA  
HLsAAGLSTGALLAIITCVGALLALVVLfVALRRQKQeALMVLEEDVRENIITYDDEGGGEEDTEAFDI  
TALQNPdGAAPPAGPPARRDVLPRARVSRQPRPPGPADVAQLLALRLREADEDPGVPpyDsvQVYGYEG  
RGSSCGSLSSLSGSGSEAGGAPGAePLDDWGPLFRTLAElyGAKePPAP

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_071923</a>



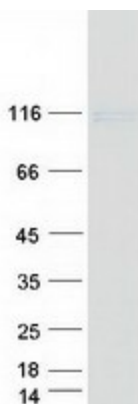
[View online »](#)

RefSeq Size: 2873  
RefSeq ORF: 2457  
Synonyms: CDH11L  
Locus ID: 64403  
UniProt ID: [Q86UP0](#)  
Cytogenetics: 14q11.2

**Summary:** Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Cadherin-24 mediate strong cell-cell adhesion. [UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CDH24 protein (Cat# [TP314783]). The protein was produced from HEK293T cells transfected with CDH24 cDNA clone (Cat# [RC214783]) using MegaTran 2.0 (Cat# [TT210002]).