

## Product datasheet for PH305302

### CD83 (NM\_004233) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CD83 MS Standard C13 and N15-labeled recombinant protein (NP_004224)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205302
Predicted MW:	23 kDa
Protein Sequence:	>RC205302 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRG QHYHQKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQDPDGQRNLSGKVILRVTGCPAQRKEETFKK YRAEIVLLALVIFYLTLIIFTCKFARLQSIFFPDFSKAGMERAFLPVTSPNHLGLVTPHKTELV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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_004224</a>
RefSeq Size:	2478
RefSeq ORF:	615
Synonyms:	BL11; HB15
Locus ID:	9308
UniProt ID:	<a href="#">Q01151</a>



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Cytogenetics: 6p23

**Summary:** The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CD83 protein (Cat# [TP305302]). The protein was produced from HEK293T cells transfected with CD83 cDNA clone (Cat# [RC205302]) using MegaTran 2.0 (Cat# [TT210002]).