

## Product datasheet for PH303017

### C1orf57 (NTPCR) (NM\_032324) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	C1orf57 MS Standard C13 and N15-labeled recombinant protein (NP_115700)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203017
Predicted MW:	20.7 kDa
Protein Sequence:	>RC203017 protein sequence Red=Cloning site Green=Tags(s)  MARHVFLTGPPGVGKTTLIHKASEVLKSSGVPVDGFYTEEVRQGGRRIGFDVVTLSGTRGPLSRVLEPP PGKRECRVQYVVDLTSFEQLALPVLRNADCSSGPGQRCVIDEIGKMELFSQLFIQAVRQTLSTPGTII LGTIPVPKPKPLALVEEIRNRKDVKVFNVTKENRHLLPDIIVTCVQSSRK  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:	<u>NP_115700</u>
RefSeq Size:	926
RefSeq ORF:	570
Synonyms:	C1orf57; HCR-NTPase; THEP1
Locus ID:	84284
UniProt ID:	<u>Q9BSD7</u> , <u>Q5TDE9</u>



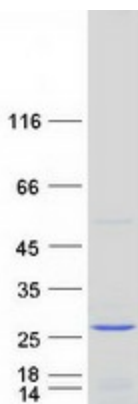
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Cytogenetics: 1q42.2

**Summary:** The protein encoded by this gene is a non-specific nucleoside triphosphatase that is slow-acting in vitro. This gene is overexpressed in many tumor tissues, and while it is not essential for the cell, overexpression is cytotoxic. However, the cytotoxicity is not related to its triphosphatase activity. [provided by RefSeq, Jul 2016]

Protein Families: Protease

### Product images:



Coomassie blue staining of purified NTPCR protein (Cat# [TP303017]). The protein was produced from HEK293T cells transfected with NTPCR cDNA clone (Cat# [RC203017]) using MegaTran 2.0 (Cat# [TT210002]).