

## Product datasheet for PH302176

### FKBP7 (NM\_181342) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FKBP7 MS Standard C13 and N15-labeled recombinant protein (NP_851939)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202176
Predicted MW:	25.8 kDa
Protein Sequence:	>RC202176 protein sequence Red=Cloning site Green=Tags(s)  MPKTMHFLFRFIVFFYLWGLFTAQRQKKEESTEEVKIEVLRPENCSKTSKKGDLLNAHYDGYLAKDGSK FYCSRTQNEGHPKWFVLGVGQVIKGLDIAMTDMCPGEKRKVVIPPSFAYGKEGYAEGKIPPDATLIFEIE LYAVTKGPRSIETFQKIDMDNDRQLSKAEINLYLQREFEKDEKPRDKSYQDAVLEDIFKKNHDHGDGFIS PKEYNVVYQHDEL  SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_851939</a>
RefSeq Size:	2904
RefSeq ORF:	666
Synonyms:	FKBP23; PPIase
Locus ID:	51661
UniProt ID:	<a href="#">Q9Y680</a> , <a href="#">Q9Y680-2</a>



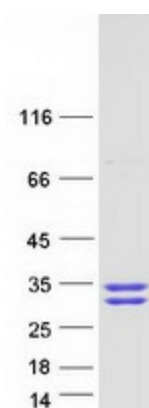
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**Cytogenetics:** 2q31.2

**Summary:** The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. Members of this family exhibit PPIase activity and function as molecular chaperones. A similar protein in mouse is located in the endoplasmic reticulum and binds calcium. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified FKBP7 protein (Cat# [TP302176]). The protein was produced from HEK293T cells transfected with FKBP7 cDNA clone (Cat# [RC202176]) using MegaTran 2.0 (Cat# [TT210002]).