

## Product datasheet for PH305550

### ITPRID2 (NM\_006751) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SSFA2 MS Standard C13 and N15-labeled recombinant protein (NP_006742)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205550
Predicted MW:	137.9 kDa
Protein Sequence:	>RC205550 protein sequence Red=Cloning site Green=Tags(s)

MDRPLSSSAEAEELWQVASRRRKAWAKCRSSWQASETEDLSTEATTQDEEEDDEEDLPGAQLPAAGGR  
GNVPNEKIAIWLKDCRTPLGASLDEQSSSTLKGVLVRNGGSFEDDLSLGAEANHLHESDAQIENCNNILA  
KERRLQFHQKGRSMNSTGSGKSSGTVSSVSELLEL YEEDPEEILYNLGFGRDEPDIASKIPSRFFNSSSF  
AKGIDIKVFLSAQMQRMEVENPNYALTSRFRQIEVLTTVANAFSSLYSQVSGTPLQRIGSMSSVTSNKET  
DPPPPLTRSNTANRLMKTLSKLNLCVDKTEKGESSPPSAEKGI LNVSVIEESGNKNDQKSQKIMKKK  
ESSSMLATVKEEVSGSSAAVTENADSDRISDEANSNFNQGTENEQSKETQSHEKLGEEESGIVESKLDSD  
FNISSEHSELNSELKSVHISTPEKEPCAPLTIPSIRNIMTQQKDSFEMEEVQSTEGEAPHVPATYQLGL  
TKSKRDHLLRTASQHSDDSGFAEDSTDCLSLNHLQVQESLQAMGSSADSCDSETTVTSLGEDLATPTAQD  
QPYFNESEEEESLVPLQKGLEKAAAVADKRKSGSQDFPQCNTIENTGKQSTCSPGDHIEIITEVEEDLFP  
AETVELLREASAESDVGKSSSEFTQYTHHILKSLASIEAKCSDMSSENTTGPPSSMDRVNTALQRAQM  
KVCSLSNQRMGRSLLKSKDLLKQRYLFAKAGYPLRRSQSLPTLLSPVRVSSVNVRLSPGKETRCSPPS  
FTYKYTPEEEEQELEKRVMEHDGQSLVKSTIFISPSSVKKEEAPQSEAPRVEECHHGRTPTCSRLAPPMS  
QSTCSLHSIHSEWQERPLCEHRTLSTHSVPNIGATCSAFASPFGCPYSHRHATYPYRVCSVNPPSAIE  
MQLRRVLHDIRNSLQNL SQYPMRGPDPAAAPYSTQKSSVLPYENTFQELQVMRRSLNLFRTQMMDLLEL  
AMLRQQTMVYHHMTEERFEVDQLQGLRNSVRMELQDLELQLEERLLGLEEQRAVRMPSFPRSSALMGM  
CGSRADNLSCPSPLNMEPVTELMQEYSYLKSELGLGLGEMGFEIPPGESSESVFSQATSESSSVCSGP  
SHANRRGTVPSTASVGKSKTPLVARKKVFRAVALTPTAPSRTGSVQTPPDLESSEEVDAEAGAPEVVGP  
KSEVEEGHGKLP SMPAAEEMHKNVEQDELQVIREVGMDPISCVILELSMICTGGGVICALIEDTCC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

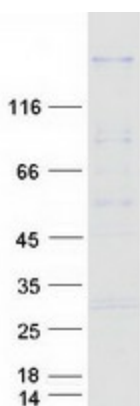
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine



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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_006742</a>
RefSeq Size:	5220
RefSeq ORF:	3768
Synonyms:	CS-1; CS1; KRAP; SPAG13; SSFA2
Locus ID:	6744
UniProt ID:	<a href="#">P28290</a>
Cytogenetics:	2q31.3

### Product images:



Coomassie blue staining of purified ITPRID2 protein (Cat# [TP305550]). The protein was produced from HEK293T cells transfected with ITPRID2 cDNA clone (Cat# [RC205550]) using MegaTran 2.0 (Cat# [TT210002]).