

## Product datasheet for TP305550M

### ITPRID2 (NM\_006751) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human sperm specific antigen 2 (SSFA2), transcript variant 2, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC205550 protein sequence  
Red=Cloning site Green=Tags(s)

MDRPLSSSAEAEELWQVASRRRKAWAKCRSSWQASETEDLSTEATTQDEEEDEEEDLPGAQLPAAGGR  
GNVPNEKIAIWLKDCRTPGLASLDEQSSSTLKGVLVRNGGSFEDDLSLGAEANHLHESDAQIENCNNILA  
KERRLQFHQKGRSMNSTGSGKSSGTVSSVSELLEYEEDPEEILYNLGFGRDEPDIASKIPSRFFNSSSF  
AKGIDIKVFLSAQMQRMEVENPNYALTSRFRQIEVLTVANAFSSLYSQVSGTPLQRIGSMSSVTSNKET  
DPPPLTRSNTANRLMKTLTKLNLKCVDKTEKGESSPSPSAEKGKILNVSVIEESGNKNDQKSQKIMKKK  
ESSSMLATVKEEVSGSSAAVTENADSDRISDEANSNFNQGTENEQSKETQSHESKLGEEESGIVESKLDSD  
FNISHSSELENSSELKSVHISTPEKEPCAPLTIPSIRNIMTQQKDSFEMEEVQSTEGEAPHVPATYQLGL  
TKSKRDHLLRTASQHS DSSGFAEDSTDCLSLNHLQVQESLQAMGSSADSCDSETTVTSLGEDLATPTAQD  
QPYFNESEEEESLVPLQKGLEKAAAVADKRKSGSQDFPQCNTIENTGTKQSTCSPGDHIIITEVEEDLFP  
AETVELLREASAESDVGKSESEFTQYTHHILKSLASIEAKCSDMSENTTGPPSSMDRVNTALQRAQM  
KVCSLSNQRMGRSLLKSKDLLKQRYLFAKAGYPLRRSQSLPTLLSPVRVSSVNVRLSPGKETRCSPPS  
FTYKYTPEEEQELEKRVMEHDGQSLVKSTIFISPSSVKKEEAPQSEAPRVEECHHGRTPTCSRLAPPPMS  
QSTCSLHSIHSEWQERPLCEHTRTLSTHVPNIGATCSAFASPFGCPYSHRHATYPYRVCVSNPPSAIE  
MQLRRVLHDIRNSLQNLQYPMMRGPDPAAAPYSTQKSSVLPYENTFQELQVMRRSLNLFRTQMMDLEL  
AMLRQQTMVYHHMTEERFEVDQLQGLRNSVRMELQDLELQLEERLLGLEEQLRVAVRMPSPFRSSALMGM  
CGRSADNLSCPSPLNVMEPVTELMQEYSYLKSELGLGLGEMGFEPGSESVFSQATSESSSVCSGP  
SHANRRTGVPSTASVKGSKTPLVARKKVFRAVALTPTAPSRTGVSQTPPDLESSEEVDAEAGAPEVVG  
KSEVEEGHGKLPSPMPAAEEMHKNVEQDELQQVIREVGM DPISCVILELSMICTGGGVICALDTC

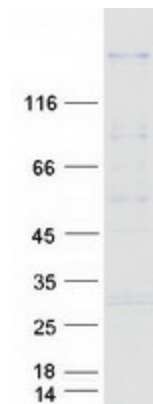
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 137.7 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006742</a>
<b>Locus ID:</b>	6744
<b>UniProt ID:</b>	<a href="#">P28290</a>
<b>RefSeq Size:</b>	5220
<b>Cytogenetics:</b>	2q31.3
<b>RefSeq ORF:</b>	3768
<b>Synonyms:</b>	CS-1; CS1; KRAP; SPAG13; SSFA2

**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]).