

## Product datasheet for TP325548M

### SUGT1 (NM\_001130912) Human Recombinant Protein

#### Product data:

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Purified recombinant protein of Homo sapiens SGT1, suppressor of G2 allele of SKP1 ( <i>S. cerevisiae</i> ) (SUGT1), transcript variant 1, 100 µg  |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | HEK293T  |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC225548 representing NM_001130912<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|  | <p>MAAAAAGTATSQRFFQSFSDALIDEDPQAAL EELTKALEQKPDDAQYYCQRAYCHILLGNYCVAVADAKK<br/>SLELNPNNSTAMLRKGICEYHEKNYAAALETFTEGQKLDIETGFHRVGGAGLQLLTSSDPPALDSQSAGI<br/>TGADANFSVWIKRCQEAQNGSESEVWTHQSKIYDWYQTESQVVITLMIKNVQKNDVNVEFSEKELSALV<br/>KLPSGEDYNLKLLELLHPIIEQSTFKVLSTKIEIKLKKPEAVRWEKLEGQGDVPTPKQFVADVKNLYPSS<br/>SPYTRNWDKLVGEIKEEEKNEKLEGDAALNRLFQQIYSDGSDEVKRAMNKSFMESGGTVLSTNWSVDVGKR<br/>KVEINPPDDMEWKKY</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| <b>Tag:</b>                                  | C-Myc/DDK  |
| <b>Predicted MW:</b>                         | 40.8 kDa   |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <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>                               | <u><a href="#">NP_001124384</a></u>  |



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Locus ID: 10910

UniProt ID: [Q9Y2Z0](#), [A8K7W3](#)

Cytogenetics: 13q14.3

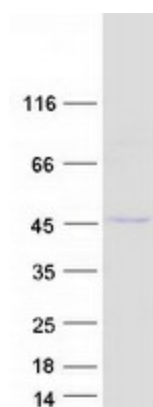
RefSeq ORF: 1095

Synonyms: SGT1

**Summary:** This gene encodes a highly conserved nuclear protein involved in kinetochore function and required for the G1/S and G2/M transitions. This protein interacts with heat shock protein 90. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene have been defined on several different chromosomes. [provided by RefSeq, Mar 2016]

**Protein Pathways:** NOD-like receptor signaling pathway

### Product images:



Coomassie blue staining of purified SUGT1 protein (Cat# [TP325548]). The protein was produced from HEK293T cells transfected with SUGT1 cDNA clone (Cat# [RC225548]) using MegaTran 2.0 (Cat# [TT210002]).