

## Product datasheet for **TP320427**

### MTSS2 (NM\_138383) Human Recombinant Protein

#### Product data:

|                                       |                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                               |
| Description:                          | Recombinant protein of human metastasis suppressor 1-like (MTSS1L), 20 µg          |
| Species:                              | Human                                                                              |
| Expression Host:                      | HEK293T                                                                            |
| Expression cDNA Clone or AA Sequence: | >RC220427 representing NM_138383<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s) |

METAEKECGALGGLFQAIVNDMKSSYPIWEDFNSKATKLHSQLRTTVLAAVAFLDAFQKVADMATNTRGA  
TRDIGSALTRMCMRHSIETKLQFTNALLESLINPLQERIEDWKKAAANQLDKDHAKEYKRARHEIKKKS  
SDTLKLQKKARKELLGKGDLPQLDSALQDVNDMYLLLEETEKQAVRRALIEERGFCTFITFLQPVVNG  
ELTMLGEITHLQGIIDDLVLTAEPHKLPPASEQVIKDLKGSYSWSYQTPPSSPSSSSSRKSSMCSAPS  
SSSSAKGGGAPWPGGAQTYSSTCRYSLAQPATTTARLSSVSSHDSGFVSQDATYSKPPSPMPSPDITS  
QKSSSSASSEASETCQSVSECSSPTSDWSKVGSHQPSGATLQRRKDRVELLRDTEPGPASGGTLGPSGE  
EAPRPRMSPATIAAKHGEEVSPAASDLAMVLTRGLSLEHQKSSRDSLQYSSGYSTQTTTPSCSEDTIPSQ  
GSDYDCYSVNGDADSEGPFEDKSSTIPRNSNIAQNYRRLIQTKRPASTAGLPTAGLPTATGLPSGAPPG  
VATIRRTPTSTKPTVRRALSSAGPIPIRPPIVPVKTPTVPDSPGYMGPTRAGSEECVFYTDETASPLAPDL  
AKASPKRLSLPNTAWGSPSPEAAGYPGAGAEDQQQLAANRHSLEKLGELVAGAHALGEGQFPFPPTALS  
ATPTEETPTPPAATSDPPAEDMLVAIRRGVRLRRTVTNDRSAPRIL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

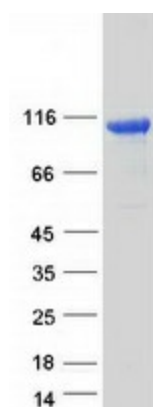
|                |                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag:           | C-Myc/DDK                                                                                                                                            |
| Predicted MW:  | 79.7 kDa                                                                                                                                             |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method                                                                                                   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                          |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol                                                                                                 |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.                                                                                                                                      |



[View online »](#)

|                      |                                                                                                                                                                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>NP_612392</u>                                                                                                                                                                                                                                              |
| <b>Locus ID:</b>     | 92154                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>   | <u>Q765P7</u>                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 2244                                                                                                                                                                                                                                                          |
| <b>Cytogenetics:</b> | 16q22.1                                                                                                                                                                                                                                                       |
| <b>RefSeq ORF:</b>   | 2241                                                                                                                                                                                                                                                          |
| <b>Synonyms:</b>     | ABBA; ABBA-1; ABBA1; MTSS1L                                                                                                                                                                                                                                   |
| <b>Summary:</b>      | Involved in plasma membrane dynamics. Potentiated PDGF-mediated formation of membrane ruffles and lamellipodia in fibroblasts, acting via RAC1 activation (PubMed:14752106). May function in actin bundling (PubMed:14752106).[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified MTSS2 protein (Cat# TP320427). The protein was produced from HEK293T cells transfected with MTSS2 cDNA clone (Cat# [RC220427]) using MegaTran 2.0 (Cat# [TT210002]).