

Product datasheet for **TP303107L**

HRSP12 (RIDA) (NM_005836) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human heat-responsive protein 12 (HRSP12), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC203107 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSLIRRVISTAKAPGAIGPYSQAVLVDRTIYISGQIGMDPSSGQLVSGGVAEEAKQALKNMGEILKAAG
CDFTNVKTTVLLADINDFNTVNEIYKQYFKSNFPARAAYQVAALPKGSRIEIEAVAIQGPLTTASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.3 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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005827](#)

Locus ID: 10247

UniProt ID: [P52758](#), [A0A024R9H2](#)

RefSeq Size: 1011

Cytogenetics: 8q22.2



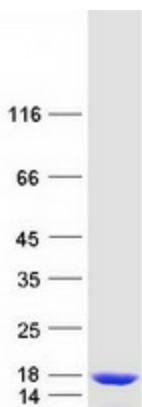
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RefSeq ORF: 411

Synonyms: hp14.5; HRSP12; P14.5; PSP; UK114

Summary: Catalyzes the hydrolytic deamination of enamine/imine intermediates that form during the course of normal metabolism. May facilitate the release of ammonia from these potentially toxic reactive metabolites, reducing their impact on cellular components. It may act on enamine/imine intermediates formed by several types of pyridoxal-5'-phosphate-dependent dehydratases including L-threonine dehydratase.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RIDA protein (Cat# [TP303107]). The protein was produced from HEK293T cells transfected with RIDA cDNA clone (Cat# [RC203107]) using MegaTran 2.0 (Cat# [TT210002]).