

Product datasheet for **TP302408**

TRAP alpha (SSR1) (NM_003144) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human signal sequence receptor, alpha (SSR1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202408 protein sequence
Red=Cloning site **Green**=Tags(s)

MRLLPRLLLLLLVFPATVLFRRGGPRGLLAVAQDLTEDEETVEDSIIEDDEDDEAEVEEDEPTDLVEDKEE
EDVSGEPEASPSADTTILFVKGEDFPANNIVKFLVGFTNKGTEDFIVESLDASFRYPQDYQFYIQNFTAL
PLNTVPPQRQATFEYSFIPAEPMGGRPFGLVINLNYKDLNGNVFQDAVFNQTVTIEREDGLDGETIFM
YMFLAGLGLLVIVGLHQLLESRKRRPIQKVEMGTSSQNDVDMSWIPQETLNQINKASPRRLPRKRAQKR
SVGSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 32.1 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_003135](#)

Locus ID: 6745



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UniProt ID: [P43307](#)

RefSeq Size: 9793

Cytogenetics: 6p24.3

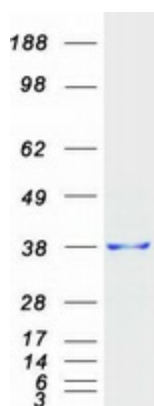
RefSeq ORF: 858

Synonyms: TRAPA

Summary: The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are mostly non-canonical. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified SSR1 protein (Cat# TP302408). The protein was produced from HEK293T cells transfected with SSR1 cDNA clone (Cat# [RC202408]) using MegaTran 2.0 (Cat# [TT210002]).