

# TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein Catalog # PBV11348r

### **Specification**

## TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - Product info

Primary Accession O12931
Concentration 13.5

Calculated MW 76.5 kDa KDa

## TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - Additional Info

Gene ID 10131
Gene Symbol TRAP1

**Other Names** 

Heat shock protein 75 kDa, HSP 75, TNFR-associated protein 1, Tumor necrosis factor type 1 receptor-associated protein, TRAP-1

Gene Source Human Source E.coli

Assay&Purity SDS-PAGE; ≥95%

Assay2&Purity2 HPLC; Recombinant Yes

**Format** Liquid

#### Storage

-80°C; 50 mM potassium phosphate pH 7.4, 50 mM sodium chloride, 0.5 mM DTT, 0.5 mM EDTA, and 2.5% glycerol.

## TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

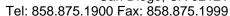
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - Images

## TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - Background

Human TRAP1 belongs to the mitochondrial heat shock protein family. These molecular chaperones are highly conserved and play an important role in signal transduction, protein folding and







degradation. Recombinant human TRAP1 has a C-terminal FLAG tag and has 702 amino acid residues. It has been identified to be protective for cell survival, and has been suggested as a target for anti-cancer therapeutics. Also can be useful for studies including enzyme kinetics, activator screening and selectivity profiling.

## TNF Receptor-Associated Protein 1 (TRAP1), human recombinant protein - References

Simmons A.D., et al. Hum. Mol. Genet. 8:2155-2164(1999). Ota T., et al. Nat. Genet. 36:40-45(2004). Martin J., et al. Nature 432:988-994(2004). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Song H.Y., et al.J. Biol. Chem. 270:3574-3581(1995).