

## Product datasheet

# Recombinant Human TIP30 protein ab98078

1 Image

### Description

<b>Product name</b>	Recombinant Human TIP30 protein
<b>Purity</b>	>= 95 % SDS-PAGE. ab98078 was purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>Q9BUP3</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<b>MGSSHHHHHHSSGLVPRGSH</b> MAETEALSKLREDFRMQ NKS VFILGASGET GRVLLKEILEQGLFSKVTIGRRKLTDEEAYKNVNQEVVD FEKLDDYAS AFQGHDVGFCCLTTRGKAGAEFVRVDRDYVLKSAEL AKAGGCKHFNLL SSKGADKSSNFLYLQVKGEVEAKVEELKFDRYSVFRPGV LLCDRQESRPG EWLVRKFFGSLPDSWARGHSPVVTTVVRAMLNNVVRPR DKQMELLENKAI HDLGKAHGSLKP
<b>Predicted molecular weight</b>	29 kDa including tags
<b>Amino acids</b>	1 to 242
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab98078** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

### Function

Oxidoreductase required for tumor suppression. NADPH-bound form inhibits nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors. May act as a redox sensor linked to transcription through regulation of nuclear import. Isoform 1 is a metastasis suppressor with proapoptotic as well as antiangiogenic properties. Isoform 2 has an antiapoptotic effect.

### Tissue specificity

Ubiquitous. Highest level in liver. High levels in lung, skeletal muscle, pancreas and placenta. Moderate levels in heart and kidney. Low levels in brain. Not expressed or low levels in variant small cell lung carcinomas, 33% of hepatocellular carcinomas and neuroblastomas.

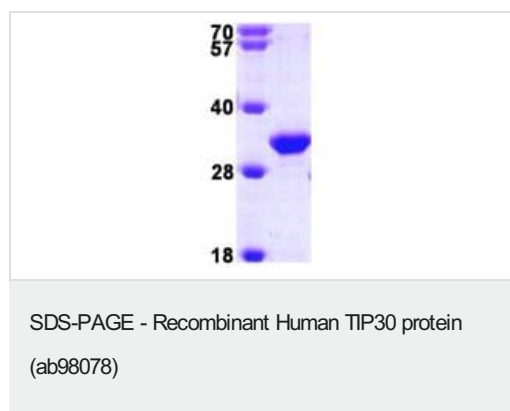
### Domain

Unique C-terminus confers high proteasome-dependent instability to isoform 2.

### Cellular localization

Cytoplasm. Nucleus envelope.

## Images



15% SDS-PAGE analysis of 3 µg ab98078

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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