

Product datasheet for **AR09568PU-L**

HTATIP2 (1-242, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HTATIP2 (1-242, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAETEALSKL REDFRMQNKS VFILGASGET GRVLLKEILE QGLFSKVTLI GRRKLTDFDEE AYKNVNQEVV DFEKLDDYAS AFQGHVGFCLGTTRGKAG AEGFVRVDRD YVLKSAELAK AGGCKHFNLL SSKGADKSSN FLYLQVKGEV EAKVEELKFD RYSVFRPGVL LCDRQESRPG EWLVRKFFGS LPDSWARGHS VPVTVVRAM LNNVVRPRDK QMELLENKAI HDLGKAHGSL KP
Tag:	His-tag
Predicted MW:	29.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HTATIP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001091990</u>
Locus ID:	10553
UniProt ID:	<u>Q9BUP3</u>
Cytogenetics:	11p15.1
Synonyms:	CC3; SDR44U1; TIP30



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Summary:

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.[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Product images: