

Product datasheet for **AR50789PU-S**

NUDT14 / UGPP (1-222, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NUDT14 / UGPP (1-222, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMERIEGA SVGRCAASPY LRPLTLHYRQ NGAQKSWDFM KTHDSVTVLL FNSSRRSLVL VKQFRPAVYA GEVERRFPGS LAAVDQDGPRLQPALPGSA GVTVELCAGL VDQPGLSLEE VACKEAWEEC GYHLAPSDLR RVATYWSGVG LTGSRQTMFY TEVTDAQRSRGGGLVEEGE LIEVVHLPLE GAQAFADDPD IPKTLGVIFG VSWFLSQVAP NLDLQ
Tag:	His-tag
Predicted MW:	26.5 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 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NUDT14 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001305309
Locus ID:	256281
UniProt ID:	B3KXY7
Cytogenetics:	14q32.33
Synonyms:	UDPG pyrophosphatase, UGPPase



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Summary:

The protein encoded by this gene is a member of the Nudix hydrolase family. Nudix hydrolases eliminate potentially toxic nucleotide metabolites from the cell and regulate the concentrations and availability of many different nucleotide substrates, cofactors, and signaling molecules. This enzyme contains a Nudix hydrolase domain and is a UDPG pyrophosphatase that hydrolyzes UDPG to produce glucose 1-phosphate and UMP. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

Product images: