

Product datasheet for **AR50054PU-S**

NT5C2 (1-561, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NT5C2 (1-561, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSTSWSDRLQ NAADMPANMD KHALKKYRRE AYHRVFNRS LAMEKIKCFG FDMDYTLAVY KSPEYESLGF ELTVERLVSI GYPQELLSFA YDSTFPTRGL VFDTLYGNLL KVDAYGNLLV CAHGFNFIRG PETREQYPNK FIQRDDTERF YILNTLFNLP ETYLLACLVD FFTNCPRYTS CETGFKDGDG FMSYRSMFQD VRDAVDWVHY KGSLKEKTVE NLEKYVVKDG KLPLLLSRMK EVGKVFLATN SDYKYTDKIM TYLDFDPHGP KPGSSHRPWQ SYFDLILVDA RKPLFFGEGT VLRQVDTKTG KLGIGTYTGP LQHGIYVSSG SSDTICDLLG AKGKDILYIG DHIFGDILKS KKRQGWRTFL VIPELAQLH VWTDKSSLFE ELQSLDIFLA ELYKHL DSSS NERPDISSIQ RRIKKVTHDM DMCYGMMSGSL FRSGSRQTLF ASQVMRYADL YAASFINLLY YPFSYLFRAA HVLMPHESTV EHTHVDINEM ESPLATRNRT SVDFKDTDYK RHLQTRISE IKPPNLFPLA PQEITHCHDE DDDEEEEEEE E
Tag:	His-tag
Predicted MW:	67.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.1M NaCl, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NT5C2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_001127845



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Locus ID:	22978
UniProt ID:	P49902 , A0A384MED8 , A8K6K2
Cytogenetics:	10q24.32-q24.33
Synonyms:	cN-II; GMP; NT5B; PNT5; SPG45; SPG65
Summary:	This gene encodes a hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides. [provided by RefSeq, Oct 2011]
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

Product images:

