

Product datasheet for **AR50192PU-S**

PHOSPHO2 (1-241, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PHOSPHO2 (1-241, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMILLV FDFDNTIIDD NSDTWIVQCA PNKKLPIELR DSYRKGFWTE FMGRVFKYLG DKGVREHEMK RAVTSLPFTP GMVELFNFIR KNKDKFDCII ISDSNSVFID WVLEAASFHD IFDKVFTNPA AFNSNGHLTV ENYHTHSCNR CPKNLCKKV LIEFVDKQLQ QGVNYTQIVY IGDGGNDVCP VTLKNDVA MPRKGYTLQK TLRMSQNL PMEYSVVVWS SGVDIISHLQ FLIKD
Tag:	His-tag
Predicted MW:	30.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PHOSPHO2 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_001008489
Locus ID:	493911
UniProt ID:	Q8TCD6
Cytogenetics:	2q31.1



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Summary:

Phosphatase that has high activity toward pyridoxal 5'-phosphate (PLP). Also active at much lower level toward pyrophosphate, phosphoethanolamine (PEA), phosphocholine (PCho), phospho-l-tyrosine, fructose-6-phosphate, p-nitrophenyl phosphate, and h-glycerophosphate.[UniProtKB/Swiss-Prot Function]

Product images: