

Product datasheet for **AR51909PU-S**

UCHL1 / PGP9.5 (1-223, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UCHL1 / PGP9.5 (1-223, His-tag) mouse recombinant protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMQLKPME INPEMLNKVL AKLGVAGQWR FADVLGLEEE TLGSVPSPAC ALLLLFPLTA QHENFRKKQI EELKGQEVSP KVFYFMKQTIG NSCGTIGLIH AVANNQDKLE FEDGSVLKQF LSETEKLSPE DRACFEKNE AIQAAHDSVA QEQQCRVDDK VNFHFILFNN VDGHLIELDG RMPFPVNHGA SSEDSSLQDA AKVCREFTER EQGEVRFSAV ALCKAA
Tag:	His-tag
Predicted MW:	27.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse Uchl1, 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_035800
Locus ID:	22223
UniProt ID:	Q9R0P9
Cytogenetics:	5 35.95 cM
Synonyms:	UCH-L1, PGP 9.5, Ubiquitin thioesterase L1, Neuron cytoplasmic protein 9.5



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Summary:

Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin (PubMed:12913066). Also binds to free monoubiquitin and may prevent its degradation in lysosomes (PubMed:12913066). The homodimer may have ATP-independent ubiquitin ligase activity (By similarity).[UniProtKB/Swiss-Prot Function]

Product images: