

Product datasheet for **AR50655PU-S**

DTD1 (1-209, His-tag) Human Protein

Product data:

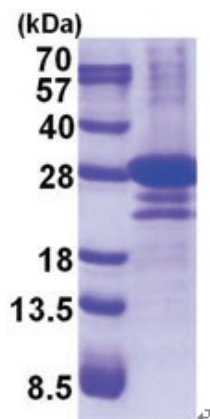
Product Type:	Recombinant Proteins
Description:	DTD1 (1-209, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKAVVQR VTRASVTVGG EQISAIGRGI CVLLGISLED TQKELEHMVR KILNLRVFEED ESGKHWSKSV MDKQYEILCV SQFTLQCVLK GNKPDFHLAM PTEQAEGFYN SFLEQLRKTY RPELIKDGKF GAYMQVHIQN DGPVTIELES PAPGTATSDP KQLSKLEKQQ QRKEKTRAKG PSESSKERNT PRKEDRSASS GAEGDVSSER EP
Tag:	His-tag
Predicted MW:	25.9 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 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DTD1 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_001304972
Locus ID:	92675
UniProt ID:	Q8TEA8 , A0A2R8Y6X2
Cytogenetics:	20p11.23
Synonyms:	C20orf88; DTD; DUE-B; DUEB; HARS2; pqn-68



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Summary:

The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein binds the DNA unwinding element and plays a role in the initiation of DNA replication. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

Product images:

15% SDS-PAGE (3ug)