

Product datasheet for **AR51783PU-N**

tnaa (1-494, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	tnaa (1-494, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMENFKHL PEPFRIRVIE PVKRTTRAYR EEAIKSGMN PFLDSEDFV IDLLTDSGTG AVTQSMQAAM MRGDEAYSGS RSYVALAESV KNIFGYQYTI PTHQGRGAEQ IYIPVLIKKR EQEKGLDRSK MVAFSNYFFD TTQGHSQING CTVRNVYIKE AFDTGVRYDF KGNFDLEGLE RGIEEVGPNP VPIVATITS NSAGGQPVSL ANLKAMYSIA KKYDIPVMD SARFAENAYF IKQREAQYKD WTIEQITRET YKYADMLAMS AKKDAMVPMG GLLCMKDDSF FDVYTECTRL CVQEGFPTY GGLEGGAMER LAVGLYDGMN LDWLAYRIAQ VQYLVDGLEE IGVVCQQAGG HAAFVDAGKL LPHIPADQFP AQALACELYK VAGIRAVEIG SFLGRDPKT GKQLPCPAEL LRLTIPRATY TQTHMDFIIE AFKHVKENAA NIKGLTFTYE PKVLRHFTAK LKEV
Tag:	His-tag
Predicted MW:	55.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant E.coli tnaA, fused to His-tag at N-terminus, was expressed in E.coli and purified 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.



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Summary:

tnaA, also known as Tryptophanase/L-cysteine desulfhydrase. Tryptophanase is an enzyme that catalyzes the chemical reaction. Thus, the two substrates of this enzyme are L-tryptophan and H₂O, whereas its 3 products are indole, pyruvate, and NH₃.

Product images: