

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 EEAIIKSGMN PFLLDSEDVF IDLLTDSGTG AVTQSMQAAM MRGDEAYSGS RSYYALAESV KNIFGYQYTI PTHQGRGAEQ IYIPVLIKKR EQEKGLDRSK MVAFSNYFFD TTQGHSQING CTVRNVYIKE AFDTGVRYDF KGNFDLEGLE RGIEEVGPNN VPYIVATITS NSAGGQPVSL ANLKAMYSIA

KKYDIPVVMD SARFAENAYF IKQREAEYKD WTIEQITRET YKYADMLAMS AKKDAMVPMG GLLCMKDDSF FDVYTECRTL CVVQEGFPTY GGLEGGAMER LAVGLYDGMN LDWLAYRIAQ VQYLVDGLEE IGVVCQQAGG HAAFVDAGKL LPHIPADQFP AQALACELYK VAGIRAVEIG

SFLLGRDPKT GKQLPCPAEL LRLTIPRATY TQTHMDFIIE AFKHVKENAA NIKGLTFTYE PKVLRHFTAK

LKEV

Tag: His-tag Predicted MW: 55.2 kDa Concentration: lot specific

>95% by SDS - PAGE **Purity:**

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.

Shelf life: one year from despatch. Stability:



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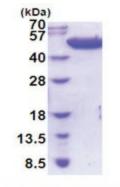
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Summary:

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:



15% SDS-PAGE (3ug)