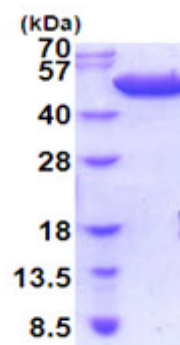


AR51783PU-N

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

Alternate names:	PLP-dependent, Tryptophanase, Tryptophanase/L-cysteine desulfhydrase
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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 H ₂ O, whereas its 3 products are indole, pyruvate, and NH ₃ .
Uniprot ID:	P0A853
NCBI:	NP_418164
GeneID:	948221
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant E.coli tnaA, fused to His-tag at N-terminus, was expressed in E.coli and purified using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMENFKHL PEPFRIRVIE PVKRTTRAYR EEAIKSGMN PFLDSEDVF IDLLTDSGTG AVTQSMQAAM MRGDEAYSGS RSYALAESV KNIFGYQYTI PTHQGRGAEQ IYIPVLIKKR EQEKGLDRSK MVAFSNYFFD TTQGHSQLING CTVRNVYIKE AFDTGVRYDF KGNFDLEGLE RGIEEVGPNN VPYIVATITS NSAGGQPVSL ANLKAMYSIA KKYDIPVMD SARFAENAYF IKQREAEYKD WTIEQITRET YKYADMLAMS AKKDAMVPMG GLLCMKDDSF FDVYTECTRL CVVQEGFPTY GGLEGGAMER LAVGLYDGMN LDWLAYRIAQ VQYLVDGLEE IGVVCQQAGG HAAFVDAGKL LPHIPADQFP AQALACELYK VAGIRAVEIG SFLGRDPKT GKQLPCPAEL LRLTIPRATY TQTHMDFIIE AFKHVKENAA NIKGLTFTYE PKVLRHFTAK LKEV Molecular weight: 55.2 kDa (494aa)
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.
General Readings:	Tokushige M., et al. (1989) Biochimie 71:711-720

Pictures:



15% SDS-PAGE (3ug)