

E.Coli TNAA Recombinant Protein



RPPB2330

Product Information Protein Information

Product SKU:

RPPB2330

Accession:

P0A853

Host:

E.coli.

Protein description:

TNAA Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 494 amino acids (1-471) and having a molecular mass of 55.2kDa. TNAA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Tryptophanase/L-cysteine desulfhydrase, PLP-dependent, Tryptophanase, TNAA, L-tryptophan indole-lyase, TNase, tnaA, ind.

Formulation:

The TNAA solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 95% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGS MENFKHL PEPFRIRVIE PVKRTTRAYR EEAIKSGMN PFLDSEDVF
IDLLTDSGTG AVTQSMQAAM MRGDEAYSGS RSYALAESV KNIFGYQYTI PTHQGRGAEQ IYIPVLIKKR
EQEKGLDRSK MVAFSNYFFD TTQGHSQING CTVRNVYIKE AFDTGVRYDF KGNFDLEGLE RGIEEVGPNN
VPYIVATITS NSAGGQPVSL ANLKAMYSIA KKYDIPVVM D SARFAENAYF IKQREAEYKD WTIEQITRET
YKYADMLAMS AKKDAMVPMG GLLCMKDDSF FDVYTECTRL CVVQEGFPTY GGLEGGAMER LAVGLYDGMN
LDWLAYRIAQ VQYLVDGLEE IGVVCQAGG HAAFVDAGKL LPHIPADQFP AQALACELYK VAGIRAVEIG
SFLLRDPKT GKQLPCPAEL LRLTIPRATY TQTHMDFIIE AFKHKVENAA NIKGLTFTYE PKVLRHFTAK LKEV.