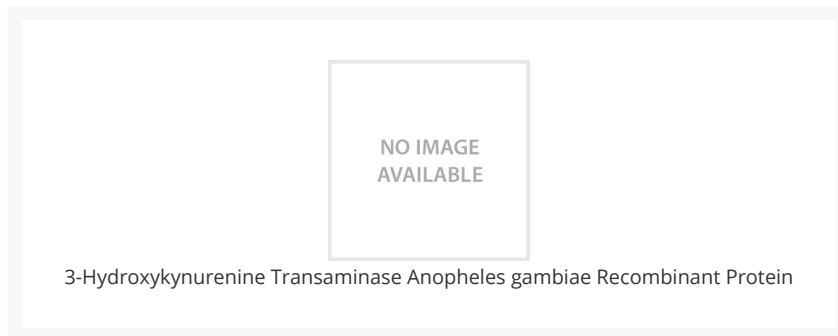




3-Hydroxykynurenine Transaminase Anopheles gambiae Recombinant Protein

Cat. No.: 90-358



Ψ Specifications

SOURCE SPECIES:	E. coli
SEQUENCE:	Full-length 3-HKT (Anopheles gambiae) is untagged.
FUSION TAG:	Tag Free
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant proteins is for research use only.

Ψ Properties

PURITY:	>99% (SDS-PAGE)
PHYSICAL STATE:	Liquid
BUFFER:	In 20mM TRIS-HCl pH 8.0, containing 150mM NaCl and 40uM pyridoxal 5'-phosphate (PLP).
CONCENTRATION:	0.5mg/ml (Lot specific)
STORAGE CONDITIONS:	Stable for at least 6 months after receipt when stored at -80 °C.

OFFICIAL SYMBOL:	AgaP_AGAP010387
ALTERNATE NAMES:	3-HKT, EC 2.6.1
ACCESSION NO.:	Q7PRG3
PROTEIN GI NO.:	74839042
GENE ID:	1272658

Background and References

BACKGROUND:	The 3-hydroxykynurenine transaminase (3-HKT) gene plays a vital role in the development of malaria parasites by participating in the synthesis of xanthurenic acid, which is involved in the exflagellation of microgametocytes in the midgut of malaria vector species. The 3-HKT enzyme is involved in the tryptophan metabolism of Anophelines. The gene had been studied in the important global malaria vector, <i>Anopheles gambiae</i> .
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