Ornithine Aminotransferase Recombinant Protein | OAT recombinant protein

Recombinant Human Ornithine Aminotransferase

CATALOG #	HOST
AAA38652	**E Coli**

PRODUCT SYNONYMS

Ornithine Aminotransferase; Recombinant Human Ornithine Aminotransferase; Ornithine Aminotransferase Human; Ornithine Aminotransferase Human Recombinant; DKFZp781A11155; HOGA; OATASE; Ornithine aminotransferase mitochondrial; Ornithine--oxo-acid aminotransferase; OAT; OKT; GACR; Ornithine; OAT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The Ornithine Aminotransferase protein solution (1mg/mL) contains 20mM Tris, pH-8, and 10% glycerol.
Sequence	MTVQGPPTSD DIFEREYKYG AHNYHPLPVA LERGKGIYLW DVEGRKYFDF LSSYSAVNQG HCHPKIVNAL KSQVDKLTLT SRAFYNNVLG EYEEYITKLF NYHKVLPMNT GVEAGETACK LARKWGYTVK GIQKYKAKIV AAGNFWGRTL SAISSSTDPT SYDGFGPFMP GFDIIPYNDL PALERALQDP NVAAFMVEPI QGEAGVVVPD PGYLMGVREL CTRHQVLFIA DEIQTGLART GRWLAVDYEN VRPDIVLLGK ALSGGLYPVS AVLCDDDIML TIKPGEHGST YGGNPLGCRV AIAALEVLEE ENLAENADKL GIILRNELMK LPSDVVTAVR GKGLLNAIVI KETKDWDAWK VCLRLRDNGL LAKPTHGDII RFAPPLVIKE DELRESIEII NKTILSF
Sequence Length	439
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for OAT recombinant protein	**Description:** Ornithine Aminotransferase Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 408 amino acids (33-439 a.a.) and having a molecular wieght of 45.2kDa. The Ornithine Aminotransferase is purified by proprietary chromatographic techniques.
Product Categories/Family for OAT recombinant protein	Enzymes; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557809
NCBI GeneID	4942
NCBI Accession #	NP_000265.1
NCBI GenBank Nucleotide #	NM_000274.3
UniProt Accession #	P04181; Q16068; Q16069; Q68CS0; Q6IAV9; Q9UD03; D3DRF0
NCBI Official Full Name	ornithine aminotransferase, mitochondrial isoform 1
NCBI Official Synonym Full Names	ornithine aminotransferase

NCBI Official Symbol	OAT
NCBI Official Synonym Symbols	OKT; GACR; HOGA; OATASE
NCBI Protein Information	ornithine aminotransferase, mitochondrial; gyrate atrophy; ornithine delta-aminotransferase; ornithine-oxo-acid aminotransferase
UniProt Protein Name	Ornithine aminotransferase, mitochondrial
UniProt Gene Name	**OAT**
UniProt Entry Name	OAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/oat-recombinant-protein-e-coli/38652