

Ornithine Aminotransferase Human Recombinant

Item Number	rAP-1984
Synonyms	DKFZp781A11155, HOGA, OATASE, Ornithine aminotransferase mitochondrial, Ornithine--oxo-acid aminotransferase, OAT, OKT, GACR.
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 weight of 45.2kDa. The Ornithine Aminotransferase is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P04181
Amino Acid Sequence	MTVQGPPTSD DIFEREYKYG AHNYHPLPVA LERGKGIYLW DVEGRKYFDF LSSYSAVNQG HCHPKIV-NAL KSQVDKLTLT SRAFYNNVLG EYEEYITKLF NYHKVLPMT GVEAGETACK LARKWGYTVK GIQKYKAKIV AAGNFWGRT LSAISSSTDP TSYDGFPPFM PGFDIIPYND LPALERALQD PNVAAFMVEP IQGEAGVVVP DPGYLMGVRE LCTRHQVLF ADEIQTGLAR TGRWLAVDYE NVRPDI VLLG KALSGGLYPV SAVLCDDDIM LTIKPGEHGS TYGGNPLGCR VAIAALEVLE EENLAENADK LGIILRNELM KLPDSDVVTAV RGKGLLNAIV IKETKDWDWA KVCLRLRDNG LLAKPETHGDI IRFAPPLVIK EDELRESIEI INKTILSF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The Ornithine Aminotransferase protein solution contains 20mM Tris, pH-8, and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**