

## 32-2635: Ornithine Recombinant Protein

**Alternative Name :** DKFZp781A11155,HOGA,OATASE,Ornithine aminotransferase mitochondrial,Ornithine--oxo-acid aminotransferase,OAT,OKT,GACR.

### Description

Source : Escherichia Coli. 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. Ornithine Aminotransferase is a mitochondrial enzyme which is an important factor that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Ornithine Aminotransferase mutations result in a deficiency that cause the autosomal recessive eye disease Gyrate Atrophy.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The Ornithine Aminotransferase protein solution contains 20mM Tris, pH-8, and 10% glycerol.  
**Storage condition :** 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 :** MTVQGPPTSD DIFEREYKYG AHNYHPLPVA LERGKGIYLV DVEGRKYFDF LSSYSAVNQG HCHPKIVNAL KSQVDKLTLT SRAFYNNVLG EYEEYITKLF NYHKVLPMT GVEAGETACK LARKWGYTVK GIQKYKAKIV AAGNFWGRT LSAISSSTDP TSYDGFPGPFM PGFDIIPYND LPALERALQD PNVAAFMVEP IQGEAGVVVP DPGYLMGVRE LCTRHQVLF ADEIQTGLAR TGRWLAVDYE NVRPDIVLLG KALSGGLYPV SAVLCDDDIM LTIKPGEHGS TYGGNPLGCR VAIAALEVLE EENLAENADK LGIILRNELM KLPSDVVTAV RGKLLNAIV IKETKDWDWA KVCLRLRDNG LLAKPETHGDI IRFAPPLVIK EDELRESIEI INKTILSF.