

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 wieght 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 LERGKGIYLW 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 RGKGLLNAIV IKETKDWDWA
KVCLRLRDNG LLAKPETHGDI IRFAPPLVIK EDELRESIEI INKTILSF.

