

32-4365: Recombinant Human Ornithine Decarboxylase Antizyme 1

Alternative Name : Ornithine decarboxylase antizyme 1,OAZ,ODC-Az,AZI,antizyme 1,MGC138338.

Description

Source : E.coli. OAZ1 Human Recombinant produced in E. coli is a single polypeptide chain containing 251 amino acids (1-228) and having a molecular mass of 27.8 kDa.OAZ1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. OAZ1 is a member of the ODC antizyme family. OAZ1 is auto-regulated expressed by polyamine-enhanced translational frame shifting. OAZ1 negatively controls polyamine synthesis by increasing the negative feedback loop regulating ornithine decarboxylase (ODC) activity. The OAZ1 protein inhibits ornithine decarboxylase and speeds up its detracton.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The OAZ1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% 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 :	MGSSHHHHHH SSGLVPRGSH MGSMVKSSLQ RILNSHCFAR EKEGDKPSAT IHASRTMPLL SLHSRGGSSS ESSRVSLHCC SNPGPGRWC SDAPHPPLKI PGGRGNSQRD HNLSANLFYS DDRLNVTEEL TSNDKTRILN VQSRLTDAKR INWRTVLSSG SLYIEIPGGA LPEGSKDSFA VLLEFAEEQL RADHVFCFH KNREDRAALL RTFSFLGFEI VRPGHPLVPK RPDACFMAYT FERESSGEEE E