

## Ornithine Decarboxylase Antizyme 1 Human Recombinant

<b>Item Number</b>	rAP-3831
<b>Synonyms</b>	Ornithine decarboxylase antizyme 1, OAZ, ODC-Az, AZI, antizyme 1, MGC138338.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P54368
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMVKSSLQ RILNSHCFAR EKEGDKPSAT IHASRTMPLL SLHSRGGSSS ESSRVSLHCC SNPGPGRWC SDAPHPPLKI PGGRGNSQRD HNLSANLFYS DDRLNVTEEL TSNDKTRILN VQSRLTDAKR INWRTVLSGG SLYIEIPGGA LPEGSKDSFA VLLEFAEEQL RADHVFICFH KNREDRAALL RTFSFLGFEI VRPGHPLVPK RPDACFMAYT FERESSGEEE E
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The OAZ1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**