9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

OAZ1 Human

Ornithine Decarboxylase Antizyme 1 Human Recombinant
RCP1548

Product Overview

Name	OAZ1 Human
Description	
Ornithine Decarboxylase Antizyme 1 Human Recombinant	
Accession (Primary)	P54368
Synonyms	
Ornithine decarboxylase antizyme 1, OAZ, ODC-Az, AZI, antizyme 1, MGC138338.	
Introduction	
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 detraction.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The OAZ1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MVKSSLQ RILNSHCFAR EKEGDKPSAT IHASRTMPLL SLHSRGGSSS ESSRVSLHCC SNPGPGPRWC SDAPHPPLKI PGGRGNSQRD HNLSANLFYS DDRLNVTEEL TSNDKTRILN VQSRLTDAKR INWRTVLSGG SLYIEIPGGA LPEGSKDSFA VLLEFAEEQL RADHVFICFH KNREDRAALL RTFSFLGFEI VRPGHPLVPK RPDACFMAYT FERESSGEEE E	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

OAZ1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P54368)