

OAZ1, 1-228aa, Human, His tag, E.coli

Cat.NO.: TP03241

3th Edition

Synonyms:Ornithine decarboxylase antizyme 1, AZI, OAZ.

Description:Ornithine decarboxylase antizyme 1, also known as OAZ1, belongs to the ODC antizyme family. Its expression is auto-regulated by polyamine-enhanced translational frameshifting. OAZ1 negatively regulates polyamine synthesis by enhancing the negative feedback loop controlling ornithine decarboxylase (ODC) activity. The OAZ1 encoded by this gene inhibits ornithine decarboxylase and accelerates its degradation.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:27.8kDa (251aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMVKSSLQRILNSHCFAREKEGDKPSATIHASRTMPLLSLHSRGGSSSESSRV
SLHCCSNPGPGPRWCSDAPHPPLKIPGGRGNSQRDHNLSANLFYSDDRLNVTEELTSNDKTRILNVQSRLTDAKRI
NWRVTLSGGSlyIEIPGGALPEGSKDSFAVLLLEFAEEQLRADHVFICFHKNREDRAALLRTFSFLGFEIVRPGHPLVP
KRPDACFMAYTFERESSGEEEE

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.