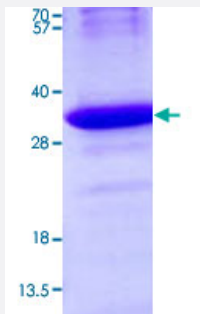


Full-Length

OAZ1 (Human) Recombinant Protein

Catalog # P5863 Size 50 ug

Applications



Specification

Product Description	Human OAZ1 (NP_004143, 1 a.a. - 228 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMVKSSLQRILNSHCFAREKEGDKPSATIHASRTMPLLSLHS RGGSSSESSRVSLHCCSNPGPGPRWCSDAPHPLKIPGGRGNSQRDHNLSANLFYSDDRLNVT EELTSNDKTRILNVQSRLTDAKRINWRTVLSGGSLYIEIPGGALPEGSKDSFAVLLEFAEEQLRADH VFICFHKREDRAALLRTFSFLGFENRPGHPLVPKRPDACFMAYTFERESSGEEEE
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	27.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS - PAGE
Quality Control Testing	3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.
Storage Buffer	In 20 mM Tris-HCl buffer, 0.15 M NaCl, pH 8.0 (30% glycerol, 1 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — OAZ1

Entrez GeneID [4946](#)

Gene Name OAZ1

Gene Alias AZI, MGC138338, OAZ

Gene Description ornithine decarboxylase antizyme 1

Omim ID [601579](#)

Gene Ontology [Hyperlink](#)

Gene Summary Ornithine decarboxylase catalyzes the conversion of ornithine to putrescine in the first and apparently rate-limiting step in polyamine biosynthesis. The ornithine decarboxylase antizymes play a role in the regulation of polyamine synthesis by binding to and inhibiting ornithine decarboxylase. Antizyme expression is auto-regulated by polyamine-enhanced translational frameshifting. The antizyme encoded by this gene inhibits ornithine decarboxylase and accelerates its degradation. [provided by RefSeq]

Other Designations antizyme 1

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Genetic Predisposition to Disease](#)

- [Lupus Nephritis](#)