

Product information



ADI1, 1-179aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1975

Full name: Acireductone dioxygenase 1

NCBI Accession No.: NP_060739

Synonyms: APL1, ARD, FLJ10913, HMFT1638, MTCBP-1, SIPL

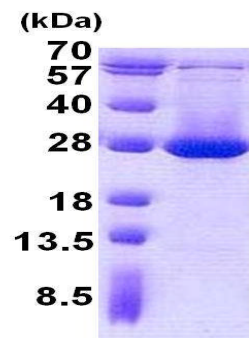
Description: ADI1 is an enzyme that belongs to the acireductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Also, it down-regulates cell migration mediated by MMP14. Recombinant human ADI1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight: 25.6 kDa (216aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSSMVL AWYMDAPGD PRQPHRPDPG RPYVLEQLRR LGVLYWKLDA DKYENDPELE
KIRREARNYSW MDIITICKDK LPNYEEKIKM FYEEHLHDD EIRYILDGSG YFDVROKEDQ WIRIFMEKGD MVTLPAGIYH RFTVDEKNYT
KAMRLFVGEV VWTAYNRPAD HFEARGQYVK FLAQTA

General references:

Gotoh, I., *et al.* (2007) *Genes Cells* 12 (1), 105-117

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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