

AR50799PU-S

Human ADI1 / MTCBP1 (1-179, His-tag) - Purified

Alternate names:	1, 2-dihydroxy-3-keto-5-methylthiopentene dioxygenase, Aci-reductone dioxygenase, HMFT1638, Membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1, Submergence-induced protein 2 homolog
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9BV57
NCBI:	NP_060739
GeneID:	55256
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human ADI1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSSMVL AWYMDDAPGD PRQPHRPDPG RPVGLEQLRR LGVLYWKLDK DKYENDPELE KIRRRERNYSW MDIITICKDK LPNYEEKIKM FYEEHLHDD EIRYILDGSG YFDVRDKEDQ WIRIFMEKGD MVTLPAGIYH RFTVDEKNYT KAMRLFVGEP VWTAYNRPAD HFEARGQYVK FLAQTA Molecular weight: 25.6 kDa (216aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Gotoh, I., et al. (2007) Genes Cells 12 (1), 105-117

Pictures:

