Datasheet for ABIN667011
ICMT Protein (AA 1-227) (His tag)

Overview

Quantity:	100 μg
Target:	ICMT
Protein Characteristics:	AA 1-227
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICMT protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PCMT, 1-227aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	ICMT
Alternative Name:	PCMT (ICMT Products)
Background:	PCMT1, also known as L-isoaspartyl protein carboxyl methyltransferase, is an enzyme that catalyses the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous decomposition of normal L-aspartyl and L-asparaginyl residues. This protein plays a role in the repair and/or degradation of damaged proteins. Recombinant human PCMT1 protien, fused to His-tag at N-terminus, was expressed in E.coli

Target Details

and purified by using conventional chromatography techniques. Synonyms: , Protein-L-isoaspartate O-methyltransferase L isoaspartyl protein carboxyl methyltransferase, L isoaspartyl/D aspartyl methyltransferase, PCMT 1, PIMT, Protein beta aspartate methyltransferase, Protein L isoaspartate (D aspartate) O methyltransferase, Protein L isoaspartyl/D aspartyl methyltransferase,. NCBI no.: AAH08748

Molecular Weight:	28.8 kDa (263aa) confirmed by MALDI-TOF

Application Details

Restrictions:	For Research Use only

Handling
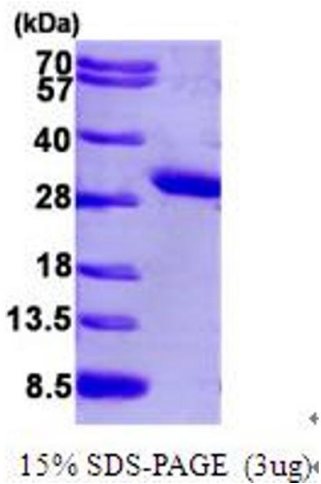
Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Storage:	4 °C

Images

15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.