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Recombinant Catechol-O-Methyltransferase (COMT)

Catalog Number: SIPJ381Mu02 **Spec: 10ug**

Product Name	Recombinant Catechol-O-Methyltransferase (COMT)
Catalog Number	SIPJ381Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Arg20~Ser265
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.6
Predicted Molecular Mass	31.2kDa
Accurate Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

R HLGWGLVAIG WFEFVQQPVH NLLMGGTKEQ
RILRHVQQHA KPGDPQSVLE AIDTYCSEKE WAMNVGDAKG QIMDAVIREY
RPSLVLELGA YCGYSAVRMA RLLPPGARLL TMEINPDYAA ITQQMLDFAG
LQDKVSILIG ASQDLIPQLK KKYDVDTLDM VFLDHWKDRY LPDTLLLEEC
GLLRKGTVLL ADNVIVPGTP DFLAYVRGSS SFECTHYSSY LEYMKVVDGL
EKAVYQGPGS SPVKS

[IDENTIFICATION]

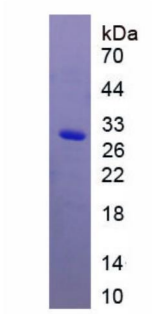


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.