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Recombinant Catechol-O-Methyltransferase (COMT)

Catalog Number: SIPJ381Ra02 **Spec: 50ug**

Product Name	Recombinant Catechol-O-Methyltransferase (COMT)
Catalog Number	SIPJ381Ra02
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Arg20~Ser264
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	100μg/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	5.3
Predicted Molecular Mass	31.7kDa
Accurate Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 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 HLGWGLVTIF WFEYVLQPVH NLIMGDTKEQ
RILRYVQQNA KPGDPQSVLE AIDTYCTQKE WAMNVGDAKG QIMDAVIREY
SPSLVLELGA YCGYSAVRMA RLLQPGARLL TMEMNPDYAA ITQQMLNFAG
LQDKVTILNG ASQDLIPQLK KKYDVDTLDM VFLDHWKDRY LPDTLLLEKC
GLLRKGTVLL ADNVIVPGTP DFLAYVRGSS SFECTHYSSY LEYMKVVDGL
EKAIYQGPSS PDKS

[IDENTIFICATION]

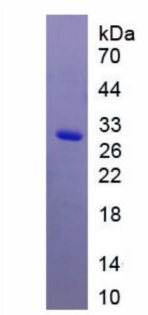


Figure. SDS-PAGE

[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.