Recombinant Schizosaccharomyces Pombe HMT2 Protein (25-459 aa), His-SUMO-tagged

Cat. No. HMT2-992S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Schizosaccharomyces Pombe (strain 972/ATCC 24843) (Fission yeast) HMT2 Protein (25-459 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Schizosaccharomyces Pombe
Source	E.coli
ProteinLength	25-459 aa
Description	Catalyzes the oxidation of hydrogen sulfide, with the help of a quinone.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	65.0 kDa
AA Sequence	ASTHHKVLVVGGGSAGISVAHQIYNKFSKYRFANDQGKDTSLKPGEIGIVDGAKYHY YQPGWTLTGAGLSSVAKTRRELASLVPADKFKLHPEFVKSLHPRENKIVTQSGQEIS YDYLVMAAGIYTDFGRIKGLTEALDDPNTPVVTIYSEKYADAVYPWIEKTKSGNAIFT QPSGVLKCAGAPQKIMWMAEDYWRRHKVRSNIDVSFYTGMPTLFSVKRYSDALLR QNEQLHRNVKINYKDELVEVKGSERKAVFKNLNDGSLFERPFDLLHAVPSMRSHEFI AKSDLADKSGFVAVDQSTTQSTKFPNVFAIGDCSGLPTSKTYAAITAQAPVMVHNLW SFVNGKNLTASYNGYTSCPLLTGYGKLILAEFLYKQEPKESFGRFSRFLDQTVPRRM

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	FYHLKKDFFPFVYWNFAVRNGKWYGSRGLIPPHFPVN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	O94284

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