

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

Cat. No. HMT2-1645S **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 Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Schizosaccharomyces Pombe
Source	Yeast
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	51.0 kDa
AA Sequence	ASTHHKVLVVGGGSAGISVAHQIYNKFSKYRFANDQGKDTSLKPGEIGIVDGAKEYHY YQPGWTLTGAGLSSVAKTRRELASLVPADKFKLHPEFVKSLHPRENKIVTQSGQEIS YDYLVMAAGIYTDGRIKGLTEALDDPNTPVVTIYSEKYADAVYPWIEKTKSGNAIFT QPSGVLKCAGAPQKIMWMAEDYWRRHKVRSNIDVSFYTGMPITLFSVKRYSDALLR QNEQLHRNVKINYKDELVEVKGSEKAVFKNLNDGSLFERPFDLLHAVPSMRSHEFI AKSDLADKSGFVAVDQSTTQSTKFPNVFAIGDCSGLPTSKTYAAITAQAPVMVHNLW SFVNGKNLTASYNGYTSCPLLTGYGKLILAEFLYKQEPKESFGRFSRFLDQTVPRRM

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	FYHLKKDFFPFVYWNFAVRNGKQYGSRLIPPHFPVN
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 reconstitution instruction is sent along with the products.

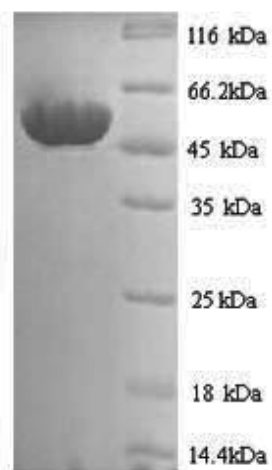
GENE INFORMATION

Gene Name	hmt2 sulfide-quinone oxidoreductase [Schizosaccharomyces pombe (fission yeast)]
Official Symbol	HMT2
Synonyms	cad1;
Gene ID	2540326
mRNA Refseq	NM_001021978
Protein Refseq	NP_596067
UniProt ID	O94284

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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