

Recombinant Full Length Arabidopsis Thaliana Putative Inactive Cadmium/Zinc-Transporting Atpase Hma3(Hma3) Protein, His-Tagged

Cat. No. RFL16441AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative inactive cadmium/zinc-transporting ATPase HMA3(HMA3) Protein (P0CW77) (1-542aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-542)
Form	Lyophilized powder
AA Sequence	MAEGEESKKMNLQTSYFDVVGICCSSEVSIVGNVLRQVDGVKEFSVIVPSRTVIVVH DTF LISPLQIVKALNQARLEASVRPYGETSLKSQWSPFAIVSGVLLVLSFFKYFYSP LEWLA IVAVVAGVPILAKAVASVTRFRDLINALTLIAVIATLCMQDFTEAATIVFLFSV ADWLE SSAAHKASIVMSSLMSLAPRKAVIADTGLEVDVDEVGINTVVSVKAGESIPID GVVVDGS CDVDEKTLTGESFPVSKQRESTVMAATINLNGYIKVKTALARDCCVAK MTKLVEEAQKS QTKTQRFIDKCSRYYPVAVVSAACFAVIPVLLKVQDLSHWFHLAL VVLVSGCPCGLILS TPVATFCALTKAATSGFLIKTGDCLETAKIKIVAFDKTGTITKAE FMVSDFRSLSPSIN LHKLLYWVSSIECKSSHPMAAALIDYARSVSVEPKPDIVENFQN FPGEGVYGRIDGQDIY IGNKRIAQRAGCLTDNVPDIEATMKRGKTIGYIYMGAKL TGS FNLLDGCRYGVAQALKEL KS

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	HMA3
Synonyms	HMA3; At4g30120; F6G3.150; Putative inactive cadmium/zinc-transporting ATPase HMA3; Putative inactive cadmium/zinc-transporting ATPase 4; Putative inactive protein HEAVY METAL ATPASE 3
UniProt ID	P0CW77