



Product Data Sheet for **Cat#PF-OTU-50µg**

Recombinant Plasmodium falciparum OTU Protein (XP_001352102)

Product Name	rOTU protein, <i>P. falciparum</i>
Description	Deubiquitinase, DUB, Recombinant DUB protein of Plasmodium falciparum
Accession Number	XP_001352102
Predicted MW	27,9 kDa
Tag	6xHis-Tag
Amount	>50 µg as determined by microplate BCA method
Purity	>90% as determined by SDS-PAGE and Coomassie blue staining
Expression Host	Bacteria (E. Coli)
Preparation	Recombinant protein was captured through Histag affinity column followed by conventional chromatography steps (PMID: 26156848).
Form	Powder
Storage	Store at -80°C after arrival
Stability	The product can be stored for up to 12 months. Avoid repeated freeze-thaw cycles.
Summary	Malaria is a life-threatening disease caused by plasmodium parasites transmitted to humans through the bites of infected female Anopheles genus mosquitoes. Intracellular parasites utilize various mechanisms for intracellular invasion and blocking cellular immune response, including plasmodium OTU proteins, which demonstrate deubiquitinating activity.
Research areas	R&D only. Biochemicals, Pharmacology, Drug discovery and development



Product images	Coomassie blue staining of purified Plasmodium falciparum OTU protein (Cat# PF-OTU-50 μ g). The protein was produced from E. Coli cells transfected with CCHFV OTU vector (Cat#PF-OTU-50 μ g) and protein expression was induced with IPTG.
Precautions	This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices. Through your purchase, you expressly represent and warrant to ProteinX that you will properly test and use any Products purchased from ProteinX in accordance with industry standards. ProteinX and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. Please visit our Terms & Conditions page for more information.
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Other Notes	Small amounts of recombinant proteins may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any powder in the container's cap. Note that this data sheet is not lot-specific and is representative of the current specifications for this product. Please consult the certificate of analysis for further information. Note that shipping conditions may differ from storage conditions.