

Yeast recombinant protein Mms2 (UEV-2)
Yeast recombinant Mms2 (UEV-2)
Catalog # PBV10666r**Specification**

Yeast recombinant protein Mms2 (UEV-2) - Product info

Primary Accession	P53152
Calculated MW	15.544 kDa with His Tag. KDa

Yeast recombinant protein Mms2 (UEV-2) - Additional Info

Gene ID	852793
Gene Symbol	MMS2
Other Names	
UBE2V2	
Gene Source	Yeast
Source	Saccharomyces cerevisiae
Assay&Purity	RP-HPLC; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; 75 µL of a 40 µM solution (3 nmoles) in 50 mM Tris, pH 7.5, 150 mM NaCl, 10 mM DTT and 10% glycerol.

Yeast recombinant protein Mms2 (UEV-2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Yeast recombinant protein Mms2 (UEV-2) - Images**Yeast recombinant protein Mms2 (UEV-2) - Background**

Mms2 is a UEV (ubiquitin E2 variant) protein that acts with the E2 enzyme Ubc13 in a heterodimeric complex which assembles K63-linked polyubiquitin chains utilized in non-degradative ubiquitin signaling pathways (DNA repair, signal transduction). The UEV proteins are structurally similar to E2 enzymes displaying the same fold, but lacking the active site cysteine of the E2. The

Ubc13/Mms2 complex is unique in that it has the ability to form free K63-linked polyubiquitin chains in solution in the absence of an E3.

Yeast recombinant protein Mms2 (UEV-2) - References

Broomfield S., et al. Proc. Natl. Acad. Sci. U.S.A. 95:5678-5683(1998).

Rieger M., et al. Yeast 13:1077-1090(1997).

Tettelin H., et al. Nature 387:81-84(1997).

Engel S.R., et al. G3 (Bethesda) 4:389-398(2014).

Xiao W., et al. Nucleic Acids Res. 26:3908-3914(1998).