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## MATERIAL DATA SHEET

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### Recombinant Human Flag-DDB1/His10-DCAF16 Complex

#### Cat. # E3-502

DDB1- and CUL4-associated factor 16 (DCAF16) is a putative substrate receptor for an E3 Ubiquitin ligase located in the cell nucleus. A new class of electrophilic ligand-dependent protein degraders that function through DCAF16 has recently been described. DCAF16 is a component of DCX (DDB1-CUL4-X-box) ligase complexes that mediate the ubiquitination of numerous target proteins including the transcriptional regulator MEIS2. This product consists of a FLAG-tagged DDB1 (UniProt Q16531) and His-tagged DCAF16 (Uniprot Q9NXF7).

#### Product Information

<b>Quantity:</b>	25 µg
<b>MW:</b>	131 kDa (DDB1), 27 kDa (DCAF16)
<b>Source:</b>	<i>Spodoptera frugiperda</i> , Sf21 (baculovirus)-derived human DDB1/DCAF16 Complex protein Accession # Q16531, Q9NXF7
<b>Stock:</b>	X mg/ml (X µM) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% (v/v) Glycerol, 1 mM DTT
<b>Purity:</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.

#### Use & Storage

<b>Use:</b>	Typical concentration to support in vitro applications will depend on experimental conditions.
<b>Storage:</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"><li>• 48 months from date of receipt, -70 °C as supplied.</li><li>• 3 months, -70 °C under sterile conditions after opening.</li></ul>

## Literature

### References:

1. Jin, J. et al. (2006) Mol. Cell **23**: 709
2. Zhang, X. et al. (2019) Nat. Chem. Bio. **15**: 737

*For research use only. Not for use in humans.*