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- Trockeneiszuschlag
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- Expressversand

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## Data Sheet

### UBE3A

Human, recombinant, N-terminal His-FLAG tag

**Catalog #:** 80302

**Lot#:** 120905      **Conc.:** 0.20 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 80 µg/ml FLAG peptide, 20% Glycerol and 3mM DTT.

**Stability:** >6 months at -80 °C

#### References:

1. Dhe-Paganon S., *et al Biomol NMR.* **51(1-2):**185-90. (2011).
2. Jung EM, *et al. Int J Mol Med.* **28(5):**697-704. (2011).

#### Description:

Human UBE3A (var1) (GenBank Accession No. NM\_130838), amino-acids 2-end, with N-terminal His-FLAG tag, MW=99.8 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

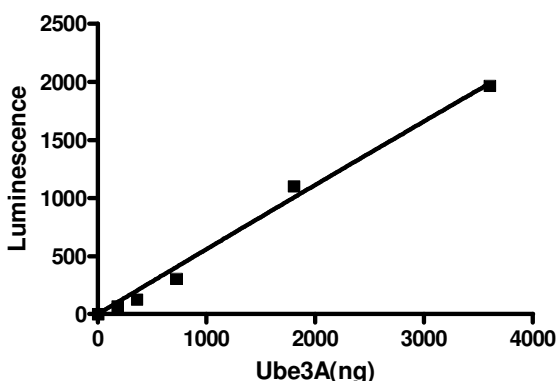
#### Assay conditions:

50µl of reaction mixture 4 mM ATP, 5mM MgCl<sub>2</sub> (both required for reaction), 1mM DTT, E1 (0.5ugr), E2 (2.8 ugr), Biotinylated Ubiquitin (1 ugr) in 50mM Tris pH 7.4 was incubated for 30 min at 37 °C.

#### Application:

Useful in conjunction with E1 and E2 for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

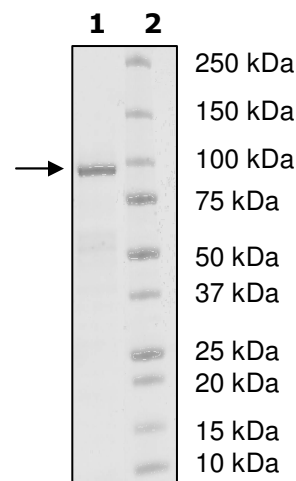
### Quality Assurance



#### 4-20% SDS-PAGE Coomassie staining

**Lane 1:**  
3 µg UBE3A  
**Lane 2:**  
Protein Marker

**MW:** 99.8 kDa  
**Purity:** ≥81%



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