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Data Sheet

OTUD6B

Human, recombinant, N-terminal His-Flag tag

Catalog #: 80407

Lot# 111014FH Conc.: 0.2 mg/ml

<u>Formulated in</u>: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 250 mM imidazole, 20% glycerol, and 3 mM DTT.

Stability: >6 months at -80 °C

References:

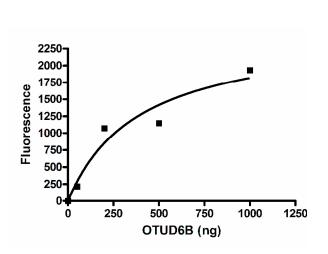
- 1. Xu, Z. et al., PLoS One. 2011 Jan 18; **(6)1**: e14514.
- 2. Sowa, ME. *et al.*, *Cell.* 2009 Jul 23; **138(2)**: 389-403.

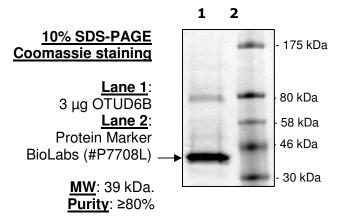
<u>Description</u>: Human deubiquitinating enzyme ovarian tumor domain - containing 6B, or OTUD6B (GenBank Accession No. NM_016023), a.a. 2-323 (end) with N-terminal His-Flag tag, MW=39 kDa, expressed in *E. coli* cells.

Specific Activity: 24 pmole/min/mg Assay Conditions: Reaction was performed in 50mM Tris pH 7.4, 1 mM DTT, 0.5 mM EDTA, 500 nM Ub-AMC, and OTUD6B. Reaction was incubated at 37 °C for 15 min and fluorescent signal was measured at excitation of 340 nm, and emission at 460 nm.

Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance





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