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## Data Sheet

### A20 (TNFAIP3), FLAG-tag

Human, recombinant, N-terminal FLAG-tag  
**Catalog #:** 80394  
**Lot #:** 130806      **Conc.:** 0.11 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween 20, 80 ng/μl Flag peptide, and 20% Glycerol.

**Stability:** At least 6 months at -80°C. Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

**References:**

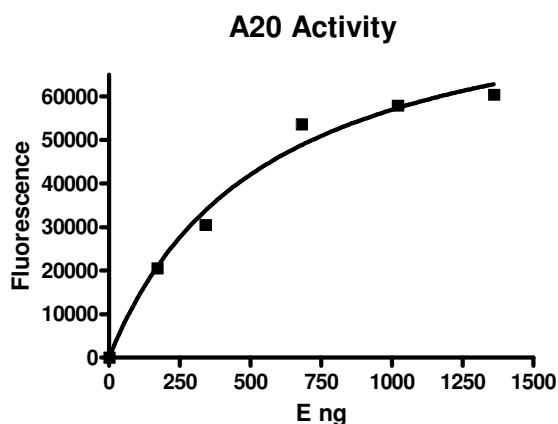
1. Shi CS, Kehrl JH. (2010). *Autophagy* **6(7)**:986-7.
2. Tavares, R.M., et al. (2010). *Immunity* **33(2)**:181-9.
3. Hymowitz, S.G., Wertz, I.E. (2010). *Nat. Rev. Cancer* **10(5)**:332-41.

**Description:** Human A20, also known as tumor necrosis factor-α induced protein 3 (TNFAIP3) or OTU domain-containing protein 7C (OTUD7C), GenBank Accession No. NM\_006290, amino-acids 2-790(end) with an N-terminal FLAG-tag, MW=90.5 kDa, expressed in Sf9 insect cells via a baculovirus expression system.

**Specific Activity:** 766 pmol/min/μg  
 Assay conditions: Reaction was performed in 50 mM Tris, pH 7.4, 1 mM DTT, 0.5 mM EDTA, 500 nM Ub-AMC, and various amounts of A20. Reaction was incubated at 37°C for 30 min and fluorescent signal was measured at excitation = 360 nm, and emission = 460 nm.

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

## Quality Assurance



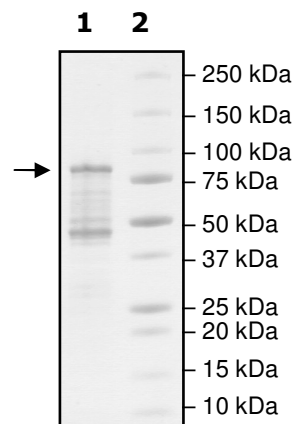
**4-20% SDS-PAGE**

**Coomassie staining**

**Lane 1:** A20 (1 ug loaded)  
**Lane 2:** Protein Marker

**Purity:** ≥29%

**MW:** 90.5 kDa



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