

Data Sheet

A20 (TNFAIP3)

Human, recombinant, N-terminal FLAG-tag

Catalog #: w90405

Lot #: 130708

Conc.: 0.02 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 90 ng/μl Flag peptide, 20% Glycerol and 3 mM DTT.

Stability: >6 months at -80 °C

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 2-791(end) with an N-terminal FLAG-tag, MW=90.5 kDa, expressed in Sf9 insect cells via a baculovirus expression system.

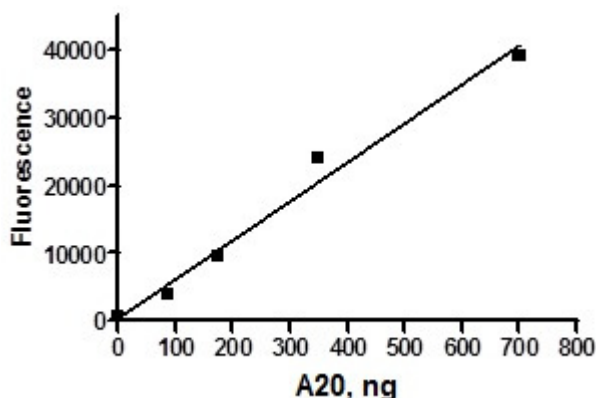
Specific Activity: 0.8 pmol/min/μg

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 amount of A20 in a volume of 50 μL. Reaction was incubated at 37°C for 30 min and fluorescent signal was measured at excitation of 360 nm, and emission at 460 nm

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

Quality Assurance

Specific Activity



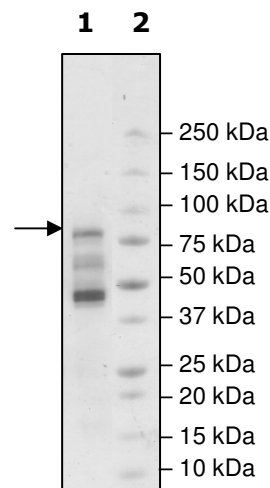
4-20% SDS-PAGE Coomassie staining

Lane 1:
1.05 μg A20

Lane 2:
Protein Marker

MW: 90.5 kDa

Purity: ≥20%



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