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Zuschläge

- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

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Data Sheet

KEAP1, His-tag

Human, recombinant, N-terminal His-tag

Catalog #: 70040

Lot#: 160408

Conc.: 7.84 mg/ml

Formulated in: 40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 3 mM DTT and 20% glycerol

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

References:

1. Dinkova-Kostova, A.T., *et al.*, 2002. *Proc. Nat. Acad. Sci. (USA)*. **99(18)**: 11908-11913.
2. Inoyama, D., *et al.* 2012. *J. Biomol. Screening* **17(4)**: 435-447.

Description:

Human Keap1, also known as Kelch-like ECH-associated protein, INRF2, KIAA0132, and KLHL19, GenBank Accession No. NM_203500, a.a. 321-609 expressed in an *E. coli* cell expression system. MW = 33 kDa

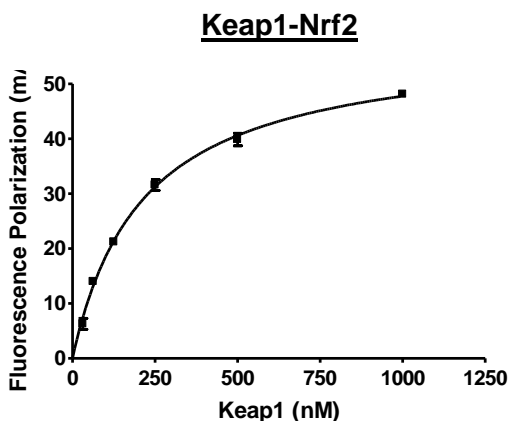
Assay Conditions:

10 mM Tris-HCl, pH 7.4, 150mM NaCl, 50mM EDTA, 0.05% Tween 20, 0.1mg/ml BSA and 5nM Nrf2 probe. Incubate for 30 minutes at room temperature. Fluorescence intensity is measured at exc485/em528.

Application:

Useful for studying protein binding and screening small molecules.

Quality Assurance

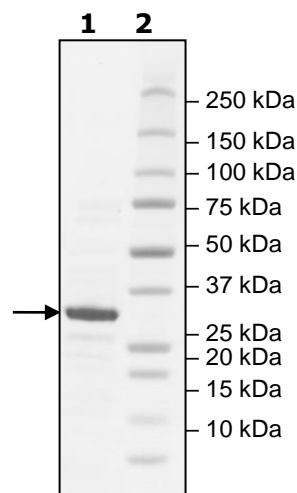


4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg KEAP1

Lane 2:
Protein Marker

MW: 33 kDa
Purity: $\geq 80\%$



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