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Produktinformation



Forschungsprodukte & Biochemikalien



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Hop/STIP1

Human, recombinant, N-terminal FLAG-tag

Catalog #: 50322

Lot#: 140605

Conc.: 0.10 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
110 mM NaCl, 2.2 mM KCl, 0.04% Tween-
20, 80 µg/ml FLAG peptide, 20% glycerol.

Stability: > 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. Wang, T.H. *et al.*, *Mol. Cell. Proteomics*. 2010; **9**: 1873-1884.
2. Walsh, N. *et al.*, *Proteome Sci*. 2009; **7**:3.

Description: Human Stress-Induced Phosphoprotein 1, also known as STIP1, Hsp70/Hsp90-Organizing Protein, HOP, and STI1, GenBank Accession No. NM_006819, full length with N-terminal FLAG-tag, a.a. 2 – 543 (end), MW = 64.0 kDa, expressed in an *E. coli* expression system.

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

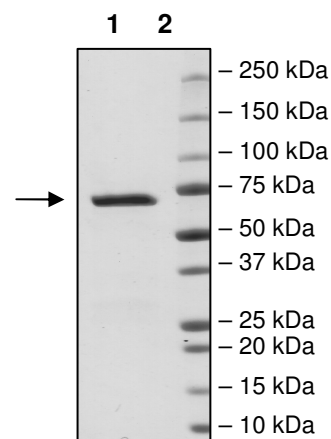
Quality Assurance

4-20% SDS-PAGE Coomassie staining

Lane 1:
2.0 µg STIP1 →

Lane 2:
Protein Marker

MW: 64.0 kDa
Purity: ≥90%



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Sequence

MDYKDDDDKEQVNELKEKGNKALS VGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKK
GDYQKAYEDGCKTVDLKPDWGKGYSRKAAALEFLNRFEEAKRTYEGLKHEANNPQLK
EGLQNMEARLAERKFMNPFNMPNLYQKLESDPRTLLSDPTYRELIEQLRNKPSDLGT
KLQDPRIMTTLSVLLGVDLGSMDDEEEIATPPPPPPPKETKPEPMEEDLPENKKQALKE
KELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQAAVYFEKGDYNKCRELCEKAIEV
GRENREDYRQIAKAYARIGNSYFKEEKYKDAIHFNKSLAEHRTPDVLKCCQQAEEKILKE
QERLAYINPDLALEEKNGNECFQKGDYPQAMKHYTEAIKRNPKDAKLYSNRAACYTKL
LEFQLALKDCEECIQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKALDLDSSCKEAADG
YQRCMMAQYNRHDSPEDVKRRAMADPEVQQIMSDPAMRLILEQMOKDPQALSEHLKNP
VIAQKIQLMDVGLIAIR

Red: FLAG-tag

Black: STIP1 (a.a. 2-543 (end))

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