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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

XIAP (Bir3)

Human, recombinant, N-terminal His-tag
Catalog #: 75001
Lot#: 120718 **Conc.:** 2.42 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM imidazole, 3 mM DTT and 20% glycerol.

Stability: >6 months at -80°C

References:

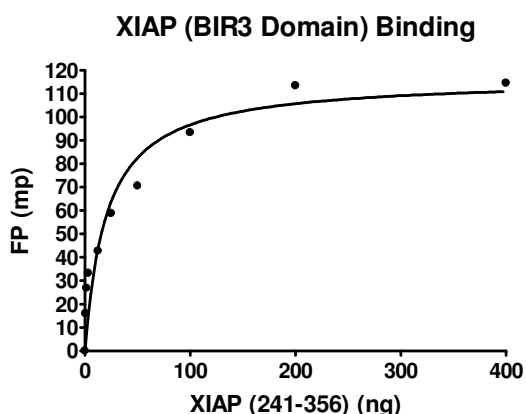
1. Nikolovska-Coleska, Z., *et al.*, *Anal Biochem.* 2008 Mar 1;**374(1)**:87-98.
2. Verhagen, A.M., *et al.*, *Cell Death Differ.* 2007 Feb;**14(2)**:348-57.
3. Fulda, S., Vucic., D., *Nat Rev Drug Discov.* 2012 Feb 1;**11(2)**:109-24.

Description: Human x-linked inhibitor of apoptosis (XIAP) Bir3 domain, also known as IAP-like protein, API3, X-linked IAP, and BIRC4, amino-acids 241 – 356 (GenBank Accession No. NM_001167) with N-terminal His-tag, MW = 14.2 kDa, expressed in an *E. coli* expression system.

Assay Conditions: 50 mM Tris-HCl, pH 7.4, 25 mM NaCl, 0.05% Tween 20, 0.01% BSA, 0.5 nM FAM-SMAC peptide. Incubate 30 minutes at room temperature. Fluorescence polarization is measured at λ_{exc} 475 nm, λ_{em} 528 nm.

Application: Useful in binding and inhibition studies of Caspase 9, screening inhibitors, and selectivity profiling.

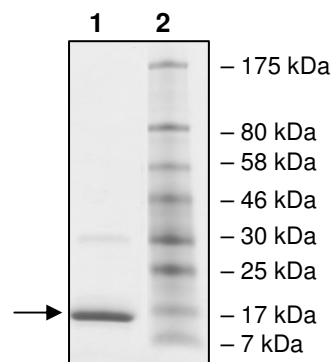
Quality Assurance



**4-20% SDS-PAGE
 Coomassie staining**

Lane 1:
 7 µg XIAP
Lane 2:
 Protein Marker

MW: 14.2 kDa
Purity: ≥92%



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Sequence:

MHHHHHSDAVSSDRNFPNSTNLPRNPSMADYEARIFTFGTWIYSVNKEQLARAGFYA
LGEGDKVKCFHCGGLTDWKPSDPWEQHAKWYPGCKYLLEQKGQEYINNIHLTHSL
EECLVRTT

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