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Diagnostik & molekulare Diagnostik



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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

IP6K2, Biotin-labeled

Human, recombinant, C-terminal His-tag,
 C-terminal Avi-tag™

Catalog #: 40643

Lot#: 130913-G2 **Conc.:** 0.19 mg/ml

Formulated in: 40 mM Tris-HCl pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-
 20 and 20% glycerol.

Stability: >6 months at -70°C. *Avoid
 freeze/thaw cycles.*

References:

1. Saiardi, A., *et al.*, *J Biol Chem.* 2001
 Oct 19;**276(42)**:39179-85.
2. Nagata, E., *et al.*, *J Biol Chem.* 2005
 Jan 14;**280(2)**:1634-40.

Description:

Human inositol hexakisphosphate kinase 2 (IP6K2), also known as IHPK2, InsP6 kinase 2, and PIUS, (GenBank Accession No. NM_016291), a.a. 1-426 (end), with C-terminal His-tag and Avi-tag™, MW=52 kDa, expressed in an *E. coli* cell expression system and enzymatically biotin-labeled using Avi-tag™ technology.

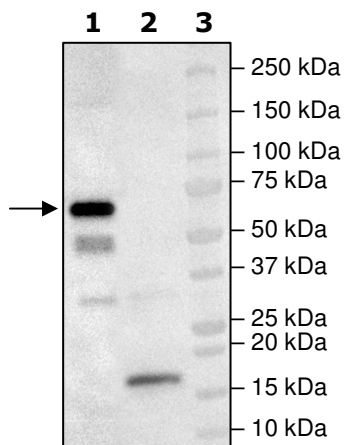
Application:

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

Quality Assurance

**Streptavidin-HRP
 Western Blot**

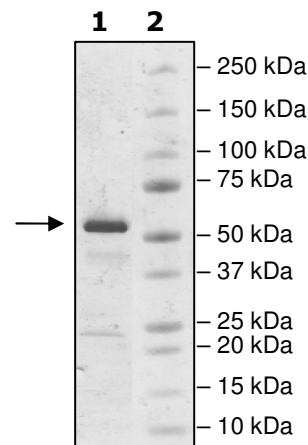
Lane 1:
 IP6K2 (52kDa)
Lane 2:
 + control (17kDa)
Lane 3:
 Protein Marker



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

Lane 1:
 3 µg IP6K2
Lane 2:
 Protein Marker

MW: 52 kDa
Purity: ≥89%



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Sequence:

MSPAFRAMDVEPRAKGVLLPEFVHQVGGHSCVLRFNETTLCCKPLVPREHQFYETLPAE
MRKFTPQYKGVVSVRFEEDDRNLCLAIYPLKGDHGIVDIVDNSDCEPKSKLLRWTTNK
KHHVLETEKTPKDWVRQHRKEEKMKSHKLEEFEWLKKSEVLYYTVEKKNISSQLKH
YNPWSMKCHQQQLQRMKENAKHRNQYKFILLENLTSRYEVPCVLDLKMGRQHGDDA
SEEKAANQIRKCQQSTSAVIGVRVCGMQVYQAGSGQLMFMNKYHGRKLSVQGFKEAL
FQFFHNGRYLRRELLGPVLKCLTELKAVLERQESYRFYSSLLVIYDGKERPEVVLDSD
AEDLEDLSEESADESAGAYAYKPIGASSVDVRMIDFAHTTCRLYGEDTVVHEGQDAGYI
FGLQSLIDIVTEISEESGEHHHHHHGGGLNDIFEAQKIEWHE

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