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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GTPBP5 (Human) Recombinant Protein (P01)

Catalog Number: H00026164-P01

Regulation Status: For research use only (RUO)

Product Description: Human GTPBP5 full-length ORF (NP_056481.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPARCF SARLRTVFQGVGHWALSTWAGLKPSRLLP
QRASPRLLSVGRADLAKHQELPGKLLSEKCLKRYFV
DYRRVLVCGGNGGAGASCFHSEPRKEFGGPDGGDG
GNGGHVILRVDQQVKSLSSVLSRYQGFSGEDGGSKN
CFGRSGAVLYIRVPVGTLVKEGGRVVADLSCVGDEYIA
ALGGAGGKGNRFFLANNNRAPVTCTPGQPGQQRVLH
LELKTVAHAGMVGFPNAGKSSLLRAISNARPAVASYPF
TTLKPHVGIVHYEGHLQIAVADIPGIIRGAHQNRGLGSA
FLRHIERCRFLLFVVDLSQPEPWTQVDDLKYELEMYEK
GLSARPHAIVANKIDLPEAQANLSQLRDHLGQEVIVLSA
LTGENLEQLLLHLKVLDAYAEAELGQGRQPLRW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 70.4

Interspecies Antigen Sequence: Mouse (80); Rat (81)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 26164

Gene Symbol: GTPBP5

Gene Alias: FLJ10741, MGC29512, ObgH1, dJ1005F21.2

Gene Summary: Small G proteins, such as GTPBP5, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).[supplied by OMIM]