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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACTR1B (Human) Recombinant Protein (P01)

Catalog Number: H00010120-P01

Regulation Status: For research use only (RUO)

Product Description: Human ACTR1B full-length ORF (NP_005726.1, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MESYDIIANQPVVINDNGSGVIKAGFAGDQIPKYCFPNYV  
GRPKHMRVMAGALEGDLFIGPKAEHRGLLTIRYPME  
HGVRDWNDMERIWQYVYSKDLQTFSEEHPVLLTE  
APLNPSKNREKAAEVFFETFNVPALFISMQAVLSLYAT  
GRTTGVVLDSDGDVTHAVPIYEGFAMPHSIMRVDIAG  
RDVSRYLRLLLRKEGVDFHTSAEFEVVRTIKERACYLSI  
NPQKDEALETEKVQYTLDPGSTLDVGPFRAPPELLF  
QPDLVGDESEGLHEVVAFAIHKSDMDLRRTLFANIVLS  
GGSTLFGKFGDRLLSEVKKLAPKDIKIKISAPQERLYST  
WIGGSILASLDTFKKMVWSKKEYEEDGSRAIHRKTF
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.7

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: 10120

Gene Symbol: ACTR1B

Gene Alias: ARP1B, CTRN2, PC3

Gene Summary: This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq]