Recombinant Human beta actin protein, GST-tagged

Cat. No. beta actin-301111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human beta actin (1-50 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys50
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQK
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	ACTB actin beta [Homo sapiens (human)]
Official Symbol	beta actin
Synonyms	ACTB; BRWS1; PS1TP5BP1
Gene ID	60
mRNA Refseq	NM_001101
Protein Refseq	NP_001092
MIM	102630
UniProt ID	P60709

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