

Product Datasheet

Recombinant Human beta-Actin GST (N-Term) Protein H00000060-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 1

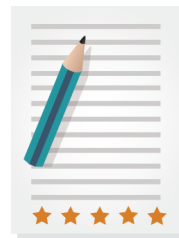
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H00000060-P01-10ug

Recombinant Human beta-Actin GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	66.99 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-375 of Human ACTB</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MDDDIAALVVDNGSGMCKAGFAGDDAPRAVSPSIVGRPRHQGVMVGMGQKD SYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLL TEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLSLYASGRTTGIVMDSGDGV THTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKL CYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGME SCGIHETTFNSIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTM KIKIAPPERRYVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF</p>
Gene ID	60
Gene Symbol	ACTB
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human beta-Actin Protein [H00000060-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Huang D, Wang Y, Wang L et al. Poly(ADP-ribose) Polymerase 1 Is Indispensable for Transforming Growth Factor-beta Induced Smad3 Activation in Vascular Smooth Muscle Cell. PLoS One. 2011-10-31 [PMID: 22073128]



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Products Related to H00000060-P01-10ug

NB600-503PEP	beta-Actin Antibody Blocking Peptide
NB600-501	beta-Actin Antibody (AC-15)
NB600-503	beta-Actin Antibody
NB300-221	GAPDH Antibody (1D4)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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