

Recombinant Cricetus Griseus ACTB Protein (1-375 aa), His-Myc-tagged

Cat. No. ACTB-2433C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cricetus Griseus (Chinese hamster) (Cricetus barabensis griseus) ACTB Protein (1-375 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the C-terminal and a Myc tag at the C-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Cricetus Griseus
Source	Yeast
ProteinLength	1-375 aa
Description	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.7 kDa
AA Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGMVGMGQKDSYV GDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNP KANREKMTQIMFETFNTPAMYVAIQAVLSLYASGRTTGIVMDSGDGVTHTVPIYEGY ALPHAILRLDLAAGDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMA TAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFNSIMKCD VDIRKDLANTVLSSGGTTMYPGIADRMQKEITALAPSTMKIKIAPPERKYSVWIGGSIL

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	ASLSTFQEMWISKQEYDESGPSIVHRKCF
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

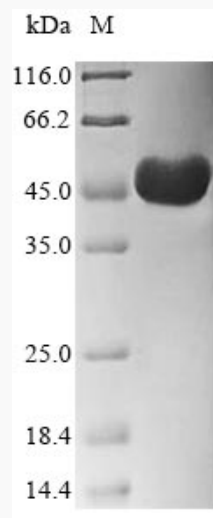
GENE INFORMATION

Gene Name	Actb actin beta [Cricetulus griseus (Chinese hamster)]
Official Symbol	ACTB
Synonyms	ACTB; Beta-actin;
Gene ID	100689477
mRNA Refseq	NM_001244575
Protein Refseq	NP_001231504
UniProt ID	P48975

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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