

Recombinant *Cricetulus Griseus* ACTB Protein (1-375 aa), His-tagged

Cat. No. ACTB-2449C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Cricetulus Griseus</i> (Chinese hamster) (<i>Cricetulus barabensis griseus</i>) ACTB Protein (1-375 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	<i>Cricetulus Griseus</i>
Source	E.coli
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	45.7 kDa
AA Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPISVGRPRHQGVMVGMGQKDSYV GDEAQSQRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNP KANREKMTQIMFETFNTPAMYVAIQAVLSLYASGRTTGIVMDSGDGVTHTVPIYEGY ALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMA TAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFNSIMKCD VDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIPPERKYSVWIGGSIL

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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

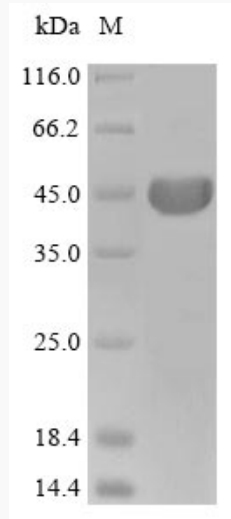
Synonyms ACTB;

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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