

**Human Actin, cytoplasmic 1 (a.a.2–375)**

Swiss-Prot #	P60709
Protein names	Actin, cytoplasmic 1 (Beta-actin) [Cleaved into: Actin, cytoplasmic 1, N-terminally processed]
Gene names	ACTB
Organism	Human

Codon optimized cDNA Clone

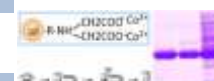
cDNA Cat#	PEP-0647
Description	Applications:1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.
Tag	A 6x histidine tag
Formulation	Liquid
Storage	-20° to -70° C. Avoid repeated freeze-thaw cycles.

Recombinant Protein

Protein Cat#	PE-0647
Source	Recombinant protein derived from E.coli. Or plant cell
Tag	A 6x histidine tag
Formulation	Liquid
Purity	> 90%, as determined by SDS-PAGE under reducing conditions
Activity	N/A
Applications	Western Blot, ELISA or may be used for other applications determined by user
Storage	-20° to -70° C. Avoid repeated freeze-thaw cycles.
Sequence	MDDIAALVVDNGSGMCKAGFAGDDAPRAVFPISIVGRPRHQGVVMGMGQKDSYVGDEAQSQRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLSLYASGRRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMATAASSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFNSIMKCDVDIRKDLANTVLSGGTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF

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