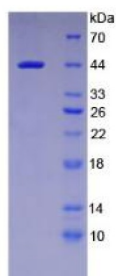
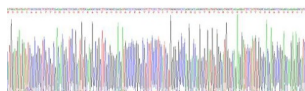


Actin, Cytoplasmic 1 (ACTB) Protein

Catalogue No.: abx166379



SDS-PAGE analysis of recombinant Actin, Cytoplasmic 1 (ACTB) Protein.



Gene sequencing extract of recombinant Actin, Cytoplasmic 1 (ACTB) Protein.

Actin, Cytoplasmic 1 (ACTB) Protein is a recombinant protein expressed in E. coli. Shares sequence homology with: Human, Mouse, Rat, Dog, Pig, Cow, Sheep, Horse, Chicken, Guinea pig.

This protein is the immunogen for the following antibodies: [abx133827](#), [abx129303](#).

Target:	Actin, Cytoplasmic 1 (ACTB)
Research Area:	Signal Transduction, Developmental Science, Bone Metabolism
Origin:	Human, Mouse, Rat, Guinea pig, Dog, Pig, Cow, Sheep, Horse, Chicken
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 90%

Datasheet

Version: 11.0.0
Revision date: 03 Jun 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P60709 (UniProt , ExPASy) P60710 (UniProt , ExPASy) P60711 (UniProt , ExPASy)
Gene Symbol:	ACTB
GeneID:	60 11461 81822
KEGG:	hsa:60
String:	9606.ENSP00000349960
Molecular Weight:	Calculated MW: 43.3 kDa Observed MW (SDS-PAGE): 44 kDa
Sequence Fragment:	Met1-Phe375
Sequence:	MDDDIAALVV DNGSGMCKAG FAGDDAPRAV FPSIVGRPRH QGVMVGMGQK DSYVGDEAQS KRGILTLKYP IEHGIVTNWD DMEKIWHHTF YNELRVAPEE HPVLLTEAPL NPKANREKMT QIMFETFNTP AMYVAIQAVL SLYASGRTTG IVMDSGDGV HTVPIYEGYA LPHAILRLDL AGRDLTDYLM KILTERGYSF TTTAEREIVR DIKEKLCYVA LDFEQEMATA ASSSSLEKSY ELPDGQVITI GNERFRCPEA LFQPSFLGME SCGIHETTFN SIMKCDVDIR KDLYANTVLS GGTTMYPGIA DRMQKEITAL APSTMKIKII APPERKYSVW IGGSILASLS TFQQMWISKQ EYDESGPSIV HRKCF
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.