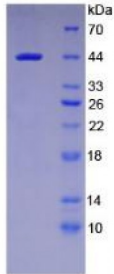
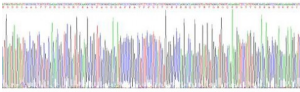


Beta Actin (ACTB) Protein

Catalogue No.: abx166379



SDS-PAGE analysis of recombinant Beta Actin (ACTB) Protein.



Gene sequencing extract of recombinant Beta Actin (ACTB) Protein.

Actin Beta 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:	Beta Actin (ACTB)
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: 7.0.0
Revision date: 15 Jul 2024



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 KRGILTLKY P IEHGIVTNWD DMEKIWHHTF YNELRVAPEE HPVLLTEAPL NPKANREKMT QIMFETFNTP AMYVAIQ AVL SLYASGRRTTG IVMDSGDGVV HTVPIYEGYA LPHAILRLDL AGRDLTDYLM KILTERGYSF TTTAE REIVR DIKEKLCYVA LDFEQEMATA ASSSSLEKSY ELPDGQVITI GNERFRCP EA LFQPSFLGME SCG IHETTFN SIMKCDVDIR KDLYANTVLS GGTTMYPGIA DRMQKEITAL APSTMKIKII APPERKYSVW I GGASILASLS TFQMWISKQ 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 human consumption, cosmetic, therapeutic or diagnostic use.