

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN  
sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

MVVEVDSMPAASSVKKPFGLRSKMGKWCCRCFCYRESGKSNVGTSGDHDDSAMKTLRSK  
-----  
MGKWCHHCFPCRGSNGASGDHDDSAMKTLRNKMGKWCCFCPCRGSNGKSKVGAW  
-----  
GDYDDSAFMEPRYHVRGEDLDKLRHAAWGWKVPKDLIVMLRDTDVNKKDKQKRTALHLA  
-----  
SANGNSEVVKLLDDRRCQLNVLNKKRTALIKAVQCQEDECALMLLEHGTDPNIPDEYGN  
-----  
TTLHYAIYNEDKLMKALLLYGADIESKNKHGLTPLLGLVHEQKQVVKFLIKKANLNA  
-----  
LDRYGRITALILAVCCGSASIVSLLLEQNIDVSSQDLGQTAREYAVSSHHHVICQLLSDY  
-----  
KEKQMLKISSENSNPEQELKLTSEESQRFKGSSENSQPEKMSQELEINKDGDREVEEMK  
-----  
KHESNNVGLLENLTNGVGTAGNGDGLIPQRKSRTPENQQFPDNESEEYHRICELLSDYKE  
-----  
KQMPKYSSSENSNPEQDLKLTSEESQRLKGSSENGQPEKRSQEPPEINKDGDRELENFMAIE  
-----  
EMKKHGSTHVGFPEPENTNGATAGNGDDGLIPPRKSRTPEQQFPDTENEYHSDEQNDTQ  
-----  
KQFCQEQTGILHDEILIHHEEKQIEVVEKMNSELSLCKKEKVDLHENSTLREEIAMRL  
-----  
ELDTMKHQSQLREKKYLEDIESVKKKNDNLLKALQLNELTMDDDTAVLVIDNGSGMCKAG  
-----MDDDTAVLVIDNGSGMCKAG

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

FAGDDAPRAVFPSIVGRPRQGGMMGMHQKESYVGKEAQSQRGILTLKYPMEHGIITNWD  
FAGDDAPQAVFPSIVGRPRHQGMMEGMHQKESYVGKEAQSQRGMLTLKYPMEHGIITNWD  
\*\*\*\*\*:\*\*\*\*\*:\*\*\*\* \*\*\*\*\*:\*\*\*\*\*

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

DMEKIWHHTFYNELRVAPEEHPILLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVP  
DMEKIWHHTFYNELRVAPEEHPILLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVL  
\*\*\*\*\*

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

SLYTSGRTTGIVMDSGDGVTHTVPIYEGNALPHATLRLDLAGRELPDYLMKILTERGYRF  
SLYTSGRTTGIVMDSGDGVTHTVPIYEGNALPHATLRLDLAGRELTDYLMKILTERGYRF  
\*\*\*\*\*

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

TTMAEREIVRDIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCP  
TTTAEQEIIVRDIKEKLCYVALDSEQEMAMAASSSSVEKSYELPDGQVITIGNERFRCP  
\*\* \*:\*\*\*\*\*:\*\*\*\*\* \*\*\*\*\*:\*\*\*\*\*

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

LFQPCFLGMESCGIHEHTTFNSIMKSDVDIRKDLTYTNTVLSGGTTMYPGMAHRMQKEIAAL  
LFQPCFLGMESCGIHKTTFNSIVKSDVDIRKDLTYTNTVLSGGTTMYPGIAHRMQKEITAL  
\*\*\*\*\*:\*\*\*\*\*:\*\*\*\*\*:\*\*\*\*\*:\*\*\*\*\*:\*\*\*\*\*

sp|Q6S8J3|POTEE\_HUMAN  
sp|Q9BYX7|ACTBM\_HUMAN

APSMKIRIIAPPKRKYSVWVGSILASLSTFQQMWISKQEYDESGPSIVHRKCF  
APSIMKIKIIAPPKRKYSVWVGSILASLSTFQQMWISKQEYDESGPSIVHRKCF  
\*\* \*:\*\*\*\*\*:\*\*\*\*\*

Identified Peptide	Present in ACTBM?	Present in other Actin Isoforms?	Average LFQ Intensity (rpAD)	Average LFQ Intensity (sAD)
AGFAGDDAPR	No	Yes	$2.76 \times 10^8$	$2.31 \times 10^8$
AGFAGDDAPRAVFPSIVGRPR	No	Yes	$4.39 \times 10^5$	$1.99 \times 10^5$
AVFPSIVGRPR	Yes	Yes	$5.35 \times 10^8$	$2.65 \times 10^8$
EIVRDIKEK	Yes	Yes	0	0
IWHHTFYNELR	Yes	Yes	$4.93 \times 10^6$	$2.27 \times 10^6$
LCYVALDFEQEMATAASSSSLEK	No	Yes	$1.34 \times 10^7$	$1.48 \times 10^7$
QEYDESGPSIVHR	Yes	Yes	$7.39 \times 10^7$	$1.09 \times 10^8$
QEYDESGPSIVHRK	Yes	Yes	$1.55 \times 10^6$	$3.28 \times 10^6$
RGILTLK	No	Yes	$5.83 \times 10^6$	$7.63 \times 10^6$
SYELPDGQVITIGNER	Yes	Yes	$3.77 \times 10^8$	$2.85 \times 10^8$
SYELPDGQVITIGNERFR	Yes	Yes	0	0
VAPEEHPILLTEAPLNPK	Yes	No	$3.74 \times 10^7$	$4.58 \times 10^6$
VAPEEHPILLTEAPLNPKANR	Yes	No	$1.24 \times 10^8$	$1.47 \times 10^7$