Result of identification of HA-FNIP1 IP p67 by PMF analysis

The MW of the peptide fragments obtained by MALDI-TOF/MS analysis.

AP-1 : 701.389	AP-11 : 2420.327
AP-2 : 916.521	AP-12 : 2468.492
AP-3 : 1021.511	AP-13 : 2602.302
AP-4 : 1117.605	
AP-5 : 1227.712	
AP-6 : 1437.715	
AP-7 : 1487.809	
AP-8 : 1579.835	
AP-9 : 1804.061	
AP-10 : 2320.330	

Cys modification:carbamidomethylation

Identificaion to **gi|22907034|ref|NP_659434.2| folliculin isoform 1 [Homo sapiens]**
Digestion by (Enzyme) : **Lys-C**
(MW : **64473.66** Da)

peptide	observed	theoretical	delta	corresponding sequence	Head	Tail	comment
AP-1	701.389	701.394	-0.005	[K]VDSRPK[E]	524	529	
AP-3	1021.511	1021.510	+0.001	[K]ACGSRLTEK[L]	264	272	
AP-5	1227.712	1227.706	+0.006	[K]VRGIIDELQGK[A]	193	203	
AP-7	1487.809	1487.796	+0.013	[K]LLSILGASEEDNVK[L]	535	548	
AP-11	2420.327	2420.282	+0.045	[K]YEFVVTSGSPVAADRVGPTILNK[I]	463	485	
AP-13	2602.302	2602.322	-0.020	[K]IEAALTNQNLSVDVVDQCLVCLK[E]	486	508	

1	**11**	**21**	**31**	**41**	**51**	**61**	**71**
MNAIVALCHF	CELHGPRTLF	CTEVLHAPLP	QGDGNEDSPG	QGEQAEEEEG	GIQMNSRMRA	HSPAEGASVE	SSSPGPKKSD
81	**91**	**101**	**111**	**121**	**131**	**141**	**151**
MCEGCRSLAA	GHPGYISHDK	ETSIKYVSHQ	HPSHPQLFSI	VRQACVRSLS	CEVCPGREGP	IFFGDEQHGF	VFSHTFFIKD
161	**171**	**181**	**191**	**201**	**211**	**221**	**231**
SLARGFQRWY	SIITIMMDRI	YLINSWPFLL	GKVRGIIDEL	QGKALKVFEA	EQFGCPQRAQ	RMNTAFTPFL	HQRNGNAARS
241	**251**	**261**	**271**	**281**	**291**	**301**	**311**
LTSLTSDDNL	WACLHTSFAW	LLKACGSRLT	EKLLEGAPTE	DTLVQMEKLA	DLEEESESWD	NSEAEEEEKA	PVLPESTEGR
321	**331**	**341**	**351**	**361**	**371**	**381**	**391**
ELTQGPAESS	SLSGCGSWQP	RKLPVFKSLR	HMRQVLGAPS	FRMLAWHVLM	GNQVIWKSRD	VDLVQSAFEV	LRTMLPVGCV
401	**411**	**421**	**431**	**441**	**451**	**461**	**471**
RIIPYSSQYE	EAYRCNFLGL	SPHVQIPPHV	LSSEFAVIVE	VHAAARSTLH	PVGCEDDQSL	SKYEFVVTSG	SPVAADRVGP
481	**491**	**501**	**511**	**521**	**531**	**541**	**551**
TILNKIEAAL	TNQNLSVDVV	DQCLVCLKEE	WMNKVKVLFK	FTKVDSRPKE	DTQKLLSILG	ASEEDNVKLL	KFWMTGLSKT
561	**571**						
YKSHLMSTVR	SPTASESRN						

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folliculin isoform 1 [Homo sapiens]
ACCESSION NP_659434.2