

Active Recombinant Human WFIKKN2 protein

Cat. No. WFIKKN2-028H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WFIKKN2 was expressed in CHO cells.
Species	Human
Source	CHO
Description	The WFIKKN1 protein contains a WAP domain, follistatin domain, immunoglobulin domain, two tandem Kunitz domains, and an NTR domain. This gene encodes a WFIKKN1-related protein which has the same domain organization as the WFIKKN1 protein. The WAP-type, follistatin type, Kunitz-type, and NTR-type protease inhibitory domains may control the action of multiple types of proteases.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Determined by its ability to inhibit human Myostatin (GDF-8) activity in MCP-11 cells. The ED50 for this effect is 0.0025-0.0040 ug/ml in the presence of 5ng/ml of human Myostatin (GDF-8).
Molecular Mass	63.8 kDa
AA Sequence	LPPIRYSHAGICPNDMNPNLWVDAQSTCRRECETDQECETYEKCCPNVCGTKSCV AARYMDVKGGKGPVGMPEATCDHFMCLQQGSECDIWDGQPVCKCKDRCEKEPS FTCASDGLTYYNRCYMDAEACSKGITLAVVTCRYHFTWPNTSPPPPETTMHPTTAS PETPELDMAAPALLNNPVHQSVTMGETVSFLCDVVGRPRPEITWEKQLEDRENVVM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RPNHVRGNVVVTNIAQLVIYNAQLQDAGIYTCTARNVAGVLRADFPLSVVRGHQAAA
 TSESSPNGTAFPAAECLKPPDSEDCGEEQTRWHFDAQANNCLTFTFGHCHRNLNH
 FETYEACMLACMSGPLAACSLPALQGPKAYAPRWAYNSQTGQCQSFVYGGCEG
 NGNNFESREACEESCPFPRGNQRCRACKPRQKLVTSCFRSDFVILGRVSELTEEPD
 SGRALVTVDVLKDEKMGLKFLGQEPLEVTLLHVDWACPCPNVTVSEMPLIIMGEVD
 GGMAMLRPDSFVGASSARRVRKLREVMHKKTCVDLKEFLGLH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Resuspend the protein in the desired concentration in proper buffer

GENE INFORMATION

Gene Name WFIKKN2 WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2 [Homo sapiens]

Official Symbol WFIKKN2

Synonyms WFIKKN2; WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2; WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 2; WFIKKNRP; WFIKKN-related protein; multivalent protease inhibitor protein; WAP, FS, Ig, two KU and NTR module related protein; growth and differentiation factor-associated serum protein 1; WAP, follistatin, immunoglobulin, kunitz and NTR domain-containing-related protein; GASP-1; hGASP-1;

Gene ID 124857

mRNA Refseq NM_175575

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_783165
MIM	610895
UniProt ID	Q8TEU8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA