

Recombinant Human WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1 Protein, His tagged

Cat. No. WFIKKN1-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1 Protein (20-548aa) with C His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-548aa
Description	This gene encodes a secreted multidomain protein consisting of a signal peptide, a WAP domain, a follistatin domain, an immunoglobulin domain, two tandem Kunitz domains, and an NTR domain. These domains have been implicated frequently in inhibition of various types of proteases, suggesting that the encoded protein may be a multivalent protease inhibitor and may control the action of multiple types of serine proteases as well as metalloproteinases.
Tag	C-His
Molecular Mass	60.2 kDa
AA Sequence	MKYLELLPTAAAGLLLLLAAQPAMAMAGLLPGLGSHPGVCPNQLSPNLWVDAQSTCER ECSRQDQCAAAEKCCINVCGLHSCVAARFPGSPAAPTAAASCEGFVCPQQGSDCDI WDGQPVCRRCRDRCEKEPSFTCASDGLTYNRCYMDAEACLRGLHLHIVPCKHVLV WPPSSPGPPETTARPTPGAAPVPPALYSSPSPQAVQVGGTASLHCDVSGRPPPAV

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TWEKQSHQRENLMRPDQMYGNVVVTSIGQLVLYNARPEDAGLYTCTARNAAGLLR
 ADFPLSVVQREPARDAAPSIPAPAECLPDVQACTGPTSPHLVLWHYDPQRGGCMTF
 PARGCDGAARGFETYACQQACARGPGDACVLPVAVQGGPCRGWEPRWAYSPLLQ
 QCHPFVYGGCEGNGNMFHSRESCEDACPVPRTPPCRACRLRSKLALSCLRSDFAIV
 GRLTEVLEEPEAAGGIARVALEDVLKDDKMGLKFLGTKYLEVTLSGMDWACPCPNM
 TAGDGPLVIMGEVRDGVAVLDAGSYVRAASEKRVKILELLEKQACELLNRFQDHHH
 HHHHH

Endotoxin < 3 EU/μg by LAL

Purity > 85% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH 7.4

Concentration 1.0 mg/mL

GENE INFORMATION

Gene Name WFIKKN1 WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1 [Homo sapiens (human)]

Official Symbol WFIKKN1

Synonyms WFIKKN1; WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1; C16orf12, chromosome 16 open reading frame 12; WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 1; RJD2; WFIKKN; GASP-2; hGASP-2; WAP, FS, Ig, KU, and NTR-containing protein; growth and differentiation factor-associated serum protein 2; WAP, follistatin, immunoglobulin,

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kunitz and NTR domain-containing protein; C16orf12; MGC126651; MGC126655;

Gene ID 117166

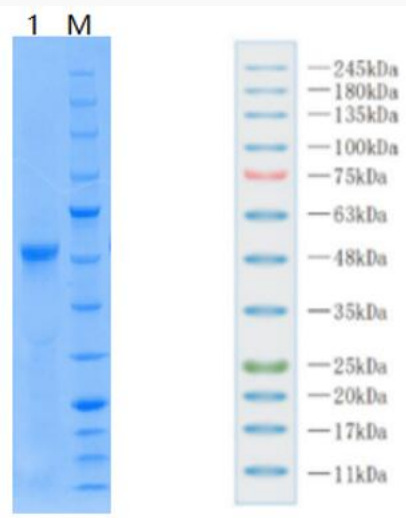
mRNA Refseq NM_053284

Protein Refseq NP_444514

MIM 608021

UniProt ID Q96NZ8

SDS-PAGE



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