Catalog Number: 500654



# **General Information**

### Gene Name Synonym

Growth and differentiation factor-associated serum protein 1; WAP, follistatin, immunoglobulin, Kunitz and NTR domain-containing-related protein; WFIKKN-related protein

# **Protein Construction**

A DNA sequence encoding the human WFIKKN2 (NP\_783165.1) extracellular domain (Met 1-His 576) was expressed, with a polyhistidine tag at the C-terminus.

#### Organism

Human

#### **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 96 % as determined by SDS-PAGE

#### Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

# **Predicted N terminal**

Leu 35

# **Molecular Mass**

The recombinant human WFIKKN2 consists of 553 amino acids and predictes a molecular mass of 61.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhWFIKKN2 is approximately 70-75 kDa due to glycosylation.

# Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

#### Storage

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

# Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**

KDa	M
116	-
66.2	
45.0	-
35.0	-
25.0	-
18.4	-
14.4	-

Human WFIKKN2 / GASP-1 Protein (His Tag) SDS-PAGE