Recombinant Soybean Guanine protein, His-SUMO-tagged

Cat. No. Guanine-4471S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Soybean Guanine protein(Q39836)(1-325aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Soybean
Source	E.coli
ProteinLength	1-325aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	51.6 kDa
AA Sequence	MAEGLVLKGTMRAHTDVVTAIATPIDNSDMIVTASRDRSIILWHLTKEDKTYGVPRRR LTGHSHFVQDVVLSSDGQFALSGSWDGELRLWDLAAGTSARRFVGHTKDVLSVAF SIDNRQIVSASRDRTIKLWNTLGECKYTIQDGDAHSDWVSCVRFSPSTLQPTIVSAS WDRTVKVWNLTNCKLRNTLAGHNGYVNTVAVSPDGSLCASGGKDGVILLWDLAEG KRLYSLDAGSIIHALCFSPSRYWLCAATEQSIKIWDLESKSIVEDLKVDLKTEADATSG GGNANKKKVIYCTSLNWSADGSTLFSGYTDGVARVWAIGRY
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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