

Natural Glycine max (soybean) glycinin gy5 protein

Cat. No. GY5-827S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Natural Glycine max (soybean) glycinin gy5 protein was beta-conglycinin from soybean and purified from soybean flour by multi-step HPLC.
Species	Glycine max
Source	Beta-conglycinin from soybean
Description	Glycinin is the major seed storage protein of soybean. Glycinin basic peptides (GBPs), and, to a lower extent, glycinin exhibit antibacterial activity against Gram-negative and Gram-positive bacteria (e.g. <i>L.monocytogenes</i> , <i>B.subtilis</i> , <i>E.coli</i> and <i>S.enteritidis</i>) by forming pores and aggregating in transmembranes, leading to membrane permeability and, eventually, cell death.
Form	Preservative-free and carrier-free in 1M NaCl, PBS pH 7.40. Filtered through 0.22µm filter.
Molecular Mass	Conglycinin is composed of three subunits: α' (76 kDa), α (72 kDa), and β (52 kDa).
Purity	Purity > 95% by silver stained SDS-PAGE.
Storage	(1) Store at -20°C. (2) Avoid freeze thaw cycles.
Warning	Allergens are provided for research and commercial use in vitro: not for human in vivo or therapeutic use.

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