

Recombinant Ricinus communis groL antigen, His-tagged

Cat. No. groL-52R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Ricinus communis groL antigen with a His-tag was expressed in E. coli
Species	Ricinus communis
Source	E.coli
Description	Ricinus communis is a monotypic species containing up to 60% unique oil, 90% of it being ricinoleic acid (12-C hydroxyoleic acid).
Molecular Mass	The protein has a calculated MW of 54.7 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMRTALQSGIDKLADAVGLTLGPRGRNVVLDEFGSP KVVNEGVTIARAIELPDPMENAGAALIREVASKTNSAGDGTITASVLAREIILGLLS VTSGANPVSIKRGIDKTVQGLIEELEKKARPVKGRDDIKAVASISAGNDELIGTMIADAI DKVGPDPVLSIESSSSFETTVEVEEGMEIDRGYISPQFVTNPEKLICEFENARVLVTD QKITAIKDIIPLEKTTQLRAPLLIAEDVTGEALATLVVNKMRGILNVAAIKAPGFGERR KALLQDIAILTGAEFQASDLGLLVENTSVEQLGIARKVTITKDSTTLIADAASKDELQAR IAQLKRELAETDSVYDSEKLAERIAKLSSGGVAVIKVGAATETELEDRLRIEDAKNATF AAIEEGIVPGGGAALVHLSTVPAINGEDKDADERLGADILQKALVAPASLIAQNAGIE GEVVVEKVKAREWEIGYNAMTDKYENLVEAGVIDPAKVTRCALQN
Purity	>90% 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.

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Concentration	0.75 mg/mL
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Storage Buffer	25mM Tris, 150mM NaCl, 2mM DTT, 10% Glycerol
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GENE INFORMATION

Official Symbol	groL
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Synonyms	groL
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