

Recombinant Hypocrea Rufa 6GAL Protein (21-479 aa), His-tagged

Cat. No. 6GAL-2213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hypocrea Rufa (<i>Trichoderma viride</i>) 6GAL Protein (21-479 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Hypocrea Rufa
Source	Yeast
ProteinLength	21-479 aa
Description	Hydrolyzes galactooligomers with a degree of polymerization higher than 3. Hydrolyzes radish root arabinogalactan-protein. Does not hydrolyze dextran, arabinan, starch, laminarin, beta-1,4- and beta-1,3-galactans, larch wood arabinogalactan or acid-insoluble polygalacturonic acid.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	52.6 kDa
AA Sequence	DTTLTIDPTSNWGTWEGWGVSLAWWAKAFGNRDDLASVFFSRNNQAVNGQTLPG LGFNIVRYNAGACSNNSYDGSTMVVSPNIKPSRQMDGFWLDWASSDPSSSSWNW NVDANQRAMLQKAKANGANIFELFSNSPMWWMCNNHNPSGSGSSDNLQSWNYQ NHAVYLADIAQHAQQSWRIQFQSVEAFNEPSSSWWTAEGTQEGCHFVSTMATVI GYLNTELSSRGLSSFVASSDENTYDLAISTWQGFNSSTRNIVKRINVHGYQDGGGR

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RDTLYSLASQAGKRLWNSEYGDSDASGKSMYQNLLDFTWLHPTAWVYWQAIDGA
 GWGLIVGDNDNLTLSSASTKYFVLAQLTRHIRQGMQILTPDVNTAVAYDAGSQKLVI
 VTANWGSAQTITFDLTRARTAGSNGATVPRWSTQTGGGDQYRSYTDTKINNGKFS
 ASFSSGQVQTFEVSGVVLQ

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

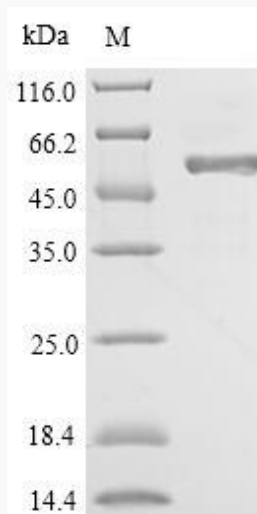
Synonyms 6GAL;

UniProt ID [Q76FP5](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.