

Recombinant Wheat WAXY Protein (79-349 aa), His-Myc-tagged

Cat. No. WAXY-2487W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Wheat (<i>Triticum aestivum</i>) WAXY Protein (79-349 aa) is produced by <i>E. coli</i> expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Wheat
Source	<i>E. coli</i>
Protein Length	79-349 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	35.8 kDa
AA Sequence	LVFVGAEMAPWSKTGGLGDVLGGLPAAMAANGHRVMVISPRYDQYKDAWDTSVIS EIKVVDRYERVRYFHICYKRGVDRVFDHPCFLEKVRGKTKEKIYGPDAGTDYEDNQ QRFSLLCQAALEVPRILDLNNNPHFSGPYAMLCRAVPRRAGEDVVFVCNDWHTGLL ACYLKSNYQSNGIYRTAKVAFCIHNISYQGRFSFDDFAQLNLPDRFKSSFDFIDGYDK PVEGRKINWMKAGILQADKVLTVSPYYAEELISGEARGCELDNIMR
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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

Gene Name	waxy granule-bound starch synthase [Triticum aestivum (bread wheat)]
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Official Symbol	WAXY
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Synonyms	WAXY;
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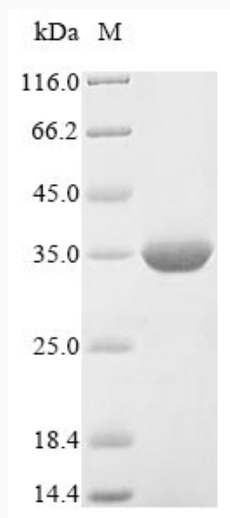
Gene ID	543395
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UniProt ID	P27736
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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