

Wheat TAGW2 Recombinant Protein

PX-P1159-10

DESCRIPTION

Wheat orthologous gene of rice OsGW2 that negatively regulates the grain width and weight in rice. There are three TaGW2 homologs in bread wheat, TaGW2A, TaGW2B, and TaGW2D. The transcript abundance of TaGW2A is negatively associated with the grain width.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Wheat
FRAGMENT	Full*
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	49,94 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	0,9
PROTEIN ACCESSION	ADQ00387.1
FORM	liquid
BUFFER	PBS, imidazole 150mM, Urea 4M if denaturing conditions. PBS, imidazole 150mM if renaturation.
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID

SWISSPROTID E5LBR8

UNIPROT ID E5LBR8

UNIPROT LINK <http://www.uniprot.org/uniprot/E5LBR8>

NCBI GENE ALIASES

SYNONYMS TAGW2, ring E3 ubiquitin ligase, REUL1

PROTEIN SEQUENCE

MSYYHHHHHHLESTSLYKKAGFMGNRIGGRRKAGVEERYTRPQGLYEHRDIDQKKLRKLILEAKLAPCYPGADDAAGGDL
EECPICFLYYPSLNRSKCCSKGICTEFLQMKPTHARPTQCPFKTPNYAVEYRGVKTKEERSIEQFEEQKVIEAQMVRV
RQQALQDEEDKMKRQSRCSSTRTIAPTTEVEYRDICSTSYVPSYQCTQETECCSSEPSCSAQANMRSFHSRHRDDN
IDMNIEDMMVME

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