Recombinant Oryza sativa subsp. japonica GLK2 protein, His-tagged

Cat. No. GLK2-449O **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Oryza sativa subsp. japonica GLK2 protein(Q5NAN5)(545aa), fused with His Tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	545aa
Molecular Mass	57.1kDa
AA Sequence	MHHHHHHLEV STLRSPKADQ RAGVGGHHVV GFVPAPPSPA DVADEVDAFI VDDSCLLEYI DFSCCDVPFF HADDGDILPD LEVDPTELLA EFASSPDDEP PPTTSAPGPG EPAAAAGAKE DVKEDGAAAA AAAAAADYDG SPPPPRGKKK KDDEERSSSL PEEKDAKNGG GDEVLSAVTT EDSSAGAAKS CSPSAEGHSK RKPSSSSSSA AAGKNSHGKR KVKVDWTPEL HRRFVQAVEQ LGIDKAVPSR ILELMGIECL TRHNIASHLQ KYRSHRKHLM AREAEAASWT QKRQMYTAAA AAAAVAAGGG PRKDAAAATA AVAPWVMPTI GFPPPHAAAM VPPPPHPPPF CRPPLHVWGH

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	PTAGVEPTTA AAPPPPSPHA QPPLLPVWPR HLAPPPPPLP AAWAHGHQPA PVDPAAYWQQ QYNAARKWGP QAVTPGTPCM PPPLPPAAML QRFPVPPVPG MVPHPMYRPI PPPSPPQGNK LAALQLQLDA HPSKESIDAA IGDVLVKPWL PLPLGLKPPS LDSVMSELHK QGIPKVPPAA SGAAG
Endotoxin	< 1EU/μg
Purity	>95%(SDS-PAGE & RP-HPLC)
Storage	If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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