

Recombinant *Deinococcus radiodurans* E5E91_RS04755 Protein, His-tagged

Cat. No. E5E91_RS04755-12D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Deinococcus radiodurans</i> E5E91_RS04755 Protein, fused to His-tag, was expressed in <i>E. coli</i> .
Species	<i>Deinococcus radiodurans</i>
Source	<i>E. coli</i>
Description	amylase
Form	Supplied as a 0.2 µm filtered solution in PBS, pH8.0.
Molecular Mass	~75.4KDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMLKDVLTSELAAQVRDAFDDDRDAETFLRLERYG EDLWESLRAVYGDQVRALPGRLLVLMHAYHARPAELRRLDEARLLRPDWLQRPE MVGYYVAYTDRFAGTLKGVEERLDYLEGLGVKYLHLMPLLRPREGENDGGYAVQDY RAVRPDLGTMDL SALARALRGRGISLVLDLVLNHVAREHAWAQKARAGDPKYRAY FHLFPDRRGPDAFEATLPEIFPDFAPGNFSWDEEIGEGEGGWVWTTFNSYQWDLN WANPDVFLEFVDIILYLANRGVEVFRDLAIAFIWKRLGTDCQNQPEVHHLTRALRAAA RIVAPAVAFKAEAIAPADLIHYLGTRAHHGKVSDMAYHNSLMVQLWSSLASRNTRL FEEALRAFPPKPTSTTWGLYVRCHDDIGWAISDEDAARAGLNGAAHRHFLSDFYSG QFPGSFARGLVFQYNPVNGDRRISGSAASLAGLEAALETGDPGRIEDAVRRLLLHT VILGFGGVPLLYMGDELALLNDYAFEDVPEHAPDNRWVHRPQMDWALAERVRQEP SSPAGRVNTGLRHLLRVRRDTPQLHASIESQVLPSPDSRALLRRDHPLGGMVQVY

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NFSEETVMLPSHVLRDVLGDHVQDRLSGSAFRLDRPTVRLEGYRALWLTAGEAPA

Purity >90%

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.

Concentration 1 mg/mL

GENE INFORMATION

Gene Name [E5E91_RS04755 amylosucrase \[Deinococcus radiodurans ATCC 13939 \]](#)

Official Symbol [E5E91_RS04755](#)

Gene ID [69517178](#)

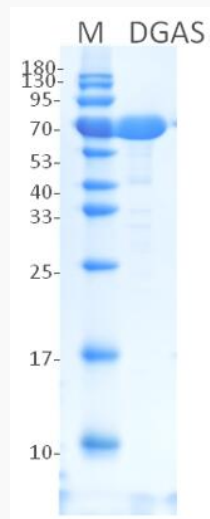
Protein Refseq [WP_010887578](#)

UniProt ID [Q1J0W0](#)

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SDS-PAGE

12% reducing SDS-PAGE analysis of purified DgAS (approximately 4 mg protein loaded).

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