Recombinant Deinococcus radiodurans E5E91_RS04755 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Deinococcus radiodurans E5E91_RS04755 Protein, fused to His-tag, was expressed in E. coli.
Species	Deinococcus radiodurans
Source	E.coli
Description	amylosucrase
Form	Supplied as a 0.2 μm filtered solution in PBS, pH8.0.
Molecular Mass	~75.4KDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMLKDVLTSELAAQVRDAFDDDRDAETFLLRLERYG EDLWESLRAVYGDQVRALPGRLLEVMLHAYHARPAELRRLDEARLLRPDWLQRPE MVGYVAYTDRFAGTLKGVEERLDYLEGLGVKYLHLMPLLRPREGENDGGYAVQDY RAVRPDLGTMDDLSALARALRGRGISLVLDLVLNHVAREHAWAQKARAGDPKYRAY FHLFPDRRGPDAFEATLPEIFPDFAPGNFSWDEEIGEGEGGWVWTTFNSYQWDLN WANPDVFLEFVDIILYLANRGVEVFRLDAIAFIWKRLGTDCQNQPEVHHLTRALRAAA RIVAPAVAFKAEAIVAPADLIHYLGTRAHHGKVSDMAYHNSLMVQLWSSLASRNTRL FEEALRAFPPKPTSTTWGLYVRCHDDIGWAISDEDAARAGLNGAAHRHFLSDFYSG QFPGSFARGLVFQYNPVNGDRRISGSAASLAGLEAALETGDPGRIEDAVRRLLLLHT VILGFGGVPLLYMGDELALLNDYAFEDVPEHAPDNRWVHRPQMDWALAERVRQEP SSPAGRVNTGLRHLLRVRRDTPQLHASIESQVLPSPDSRALLLRRDHPLGGMVQVY

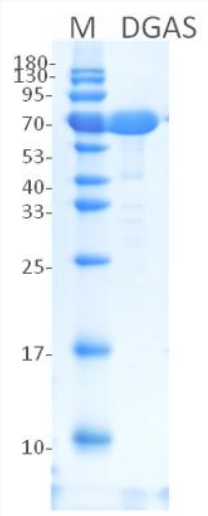
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	NFSEETVMLPSHVLRDVLGDHVQDRLSGSAFRLDRPTVRLEGYRALWLTAGEAPA
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	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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