Recombinant Mouse Gtf2e1 Protein, Myc/DDK-tagged

Cat. No. Gtf2e1-3324M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length general transcription factor II E, polypeptide 1 (alpha subunit) (Gtf2e1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIE are required for promoter clearance by RNA polymerase.
Molecular Mass	49.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Gtf2e1 general transcription factor II E, polypeptide 1 (alpha subunit) [Mus musculus (house mouse)]
Official Symbol	Gtf2e1
Synonyms	Gtf2e1; general transcription factor II E, polypeptide 1 (alpha subunit); FE; 56kD; TFII; 56kDa; TFIIE-A; AI303800; 2610024P03Rik; general transcription factor IIE subunit 1; TFIIE-alpha; general transcription factor II E, polypeptide 1 (alpha subunit, 56kDa); general transcription factor IIE 56 kDa subunit; general transcription factor IIE, polypeptide 1 (alpha subunit, 56kDa); transcription initiation factor IIE subunit alpha
Gene ID	74197
mRNA Refseq	NM_028812
Protein Refseq	NP_083088
UniProt ID	Q9D0D5

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