

Recombinant Human Transcription initiation factor IIE subunit beta(GTF2E2)

Catalog No: #AP70370

Package Size: #AP70370-1 20ug #AP70370-2 100ug #AP70370-3 1mg

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Description

Product Name	Recombinant Human Transcription initiation factor IIE subunit beta(GTF2E2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-291aaSequence Info:Full Length
Other Names	General transcription factor IIE subunit 2
Accession No.	P29084
Calculated MW	37 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDPSLLRERELFKKRALSTPVVEKRSASSESSSSSSKKKTKVEHGGSSGSKQNSDHSNGSFNLKALSGSSG YKFGVLAKIVNYMKTRHQRGDTHPLTLDEILDETQHLDIGLKQKQWLMTEALVNNPKIEVIDGKYAFKPKYNVR DKKALLRLLDQHDQRGLGGILLEDIEEALPNSQKAVKALGDQILFVNRPDKKKILFFNDKSCQFSVDEEFQKLW RSVTVDMSMDEEKIEEYLKRQGISSMQESGPKKVAPIQRRKKPASQKKRRFKTHNEHLAGVLKDYSITSSK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 TFIE are required for promoter clearance by RNA polymerase.

References

Structure and functional properties of human general transcription factor IIE.Peterson M.G., Inostroza J., Maxon M.E., Flores O., Admon A., Reinberg D., Tjian R.Nature 354:369-373(1991)Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.