Recombinant Human General transcription factor IIF subunit 2(GTF2F2)

Catalog No: #AP70371

Package Size: #AP70371-1 20ug #AP70371-2 100ug #AP70371-3 1mg

Signalway Antibody
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Description

Product Name	Recombinant Human General transcription factor IIF subunit 2(GTF2F2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-249aaSequence Info:Full Length
Other Names	ATP-dependent helicase GTF2F2General transcription factor IIF 30KDA subunitTranscription initiation factor IIF subunit beta ;TFIIF-betaTranscription initiation factor RAP30
Accession No.	P13984
Calculated MW	44.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AERGELDLTGAKQNTGVWLVKVPKYLSQQWAKASGRGEVGKLRIAKTQGRTEVSFTLNEDLANIHDIGGKPASVSAPREHPFVLQSVGGQTLTVFTESSSDKLSLEGIVVQRAECRPAASENYMRLKRLQIEESSKPVRLSQQLDKVVTTNYKPVANHQYNIEYERKKKEDGKRARADKQHVLDMLFSAFEKHQYYNLKDLVDITKQPVVYLKEILKEIGVQNVKGIHKNTWELKPEYRHYQGEEKSD
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

TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB. It promotes transcription elongation. This subunit shows ATP-dependent DNA-helicase activity.

References

Structure and associated DNA-helicase activity of a general transcription initiation factor that binds to RNA polymerase II.Sopta M., Burton Z.F., Greenblatt J.Nature 341:410-414(1989)Research Topic:Transcription

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