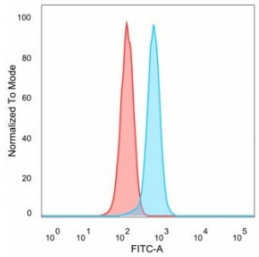
GTF2I Antibody / General transcription factor II-I [clone PCRP-GTF2I-1A7] (V5205)

Catalog No.	Formulation	Size
V5205-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5205-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5205SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

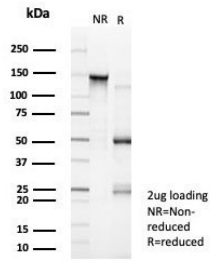
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-GTF2I-1A7
Purity	Protein A/G affinity
UniProt	P78347
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells
Limitations	This GTF2I antibody is available for research use only.

Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using GTF2I antibody (clone PCRP-GTF2I-1A7). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.



Flow cytometry testing of PFA-fixed human HeLa cells with GTF2I antibody (clone PCRP-GTF2I-1A7) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free GTF2I antibody (clone PCRP-GTF2I-1A7) as confirmation of integrity and purity.

Description

Interacts with the basal transcription machinery by coordinating the formation of a multiprotein complex at the C-FOS promoter, and linking specific signal responsive activator complexes. Promotes the formation of stable high-order complexes of SRF and PHOX1 and interacts cooperatively with PHOX1 to promote serum-inducible transcription of a reporter gene deriven by the C-FOS serum response element (SRE). Acts as a coregulator for USF1 by binding independently two promoter elements, a pyrimidine-rich initiator (Inr) and an upstream E-box. Required for the formation of functional ARID3A DNA-binding complexes and for activation of immunoglobulin heavy-chain transcription upon B-lymphocyte activation. [UniProt]

Application Notes

Optimal dilution of the GTF2I antibody should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for the GTF2I antibody.

Storage

Aliquot the GTF2I antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.