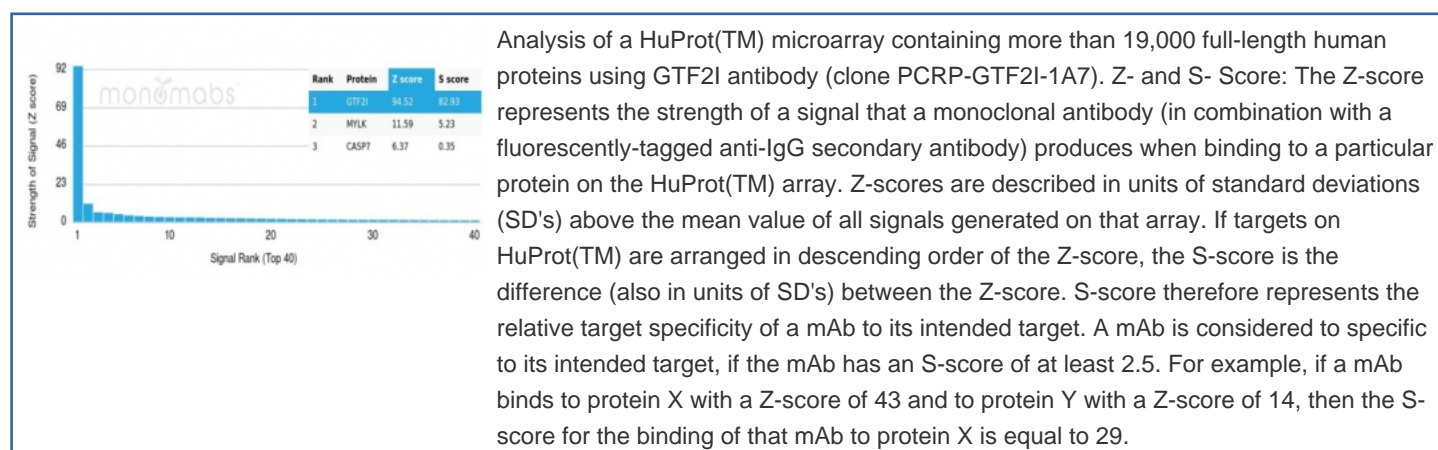


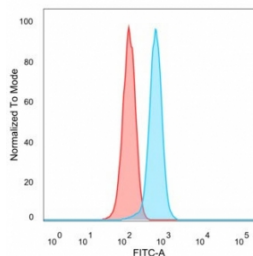
## GTF2I Antibody / General transcription factor II-I [clone PCRP-GTF2I-1A7] (V5205)

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

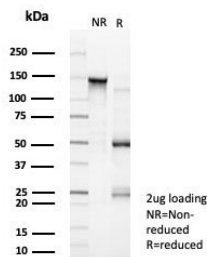
[Bulk quote request](#)

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





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 derived 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.