Datasheet for ABIN7317304

TFAP2C Protein (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	TFAP2C
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFAP2C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TFAP2C/AP2-GAMMA Protein (His Tag)
Sequence:	Leu128-Val223
Characteristics:	A DNA sequence encoding the mature form of human TFAP2C (Q92754) (Leu128-Val223) was expressed with a polyhistide tag at the N-terminus.
Purity:	> 98 % as determined by reducing SDS-PAGE.

Target Details

Target:	TFAP2C
Alternative Name:	TFAP2C/AP2-GAMMA (TFAP2C Products)
Background:	Background: TFAP2C, also known as AP2-GAMMA, is a member of the activating protein 2 family of transcription factors. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of

Target Details

	genes including MCAM/MUC18, C/EBP alpha and MYC. TFAP2C may be prognostic indicators for patients with breast tumors. TFAP2C gene has been tested for association to diseases (Breast Neoplasms, Carcinoma) and proposed to participate in processes (cell-cell signaling, male gonad development, regulation of transcription from RNA polymerase II promoter). Proteins are expected to have molecular functions (DNA binding, protein binding, protein dimerization activity, transcription factor activity) and to localize in various compartments (membrane, nucleus). Synonym: AP2-GAMMA,ERF1,hAP-2g,TFAP2G
Molecular Weight:	12.3 kDa
UniProt:	Q92754
Pathways:	Stem Cell Maintenance

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.