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Datasheet for ABIN7318708

KLF6 Protein

Overview

Quantity:	50 µg
Target:	KLF6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human KLF6 Protein
Sequence:	Met 1-Ser109
Characteristics:	Recombinant Human Krueppel-like factor 6 is produced by our E.coli expression system and the target gene encoding Met1-Ser109 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	KLF6
Alternative Name:	KLF6 (KLF6 Products)
Background:	Background: Krueppel-Like Factor 6 (KLF6) belongs to the krueppel C2H2-type zinc-finger protein family. KLF6 contains three C2H2-type zinc fingers and localizes in the nucleus. KLF6 expression is highest in the placenta followed by spleen, thymus, prostate, testis, small intestine and colon. However, it is weakly expressed in the pancreas, lung, liver, heart, and

Target Details

skeletal muscle. KLF6 functions as a transcriptional activator and could play a role in B-cell growth and development. Defects in KLF6 will result in gastric cancer and prostate cancer. Synonym: Krueppel-Like Factor 6, B-Cell-Derived Protein 1, Core Promoter Element-Binding Protein, GC-Rich Sites-Binding Factor GBF, Proto-Oncogene BCD1, Suppressor of Tumorigenicity 12 Protein, Transcription Factor Zf9, KLF6, BCD1, COPEB, CPBP, ST12

Molecular Weight: 12.6 kDa

UniProt: [Q99612](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 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.