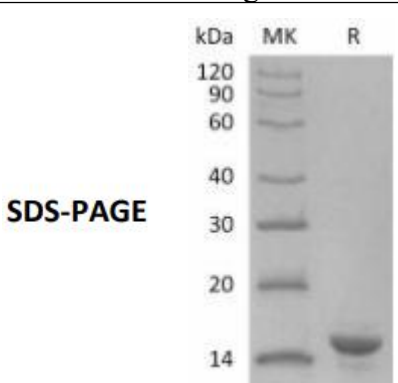


Recombinant Human KLF6

Catalog#:AC81695 Derived from *E.coli*

DESCRIPTION	<p>Recombinant Human Krueppel-like factor 6 is produced by our <i>E.coli</i> expression system and the target gene encoding Met1-Ser109 is expressed.</p> <p>Accession#: Q99612-3</p> <p>Known as: 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</p>
FORMULATION	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100μg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass: 12.6kDa AP Mol Mass: 13-19kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>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 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.</p>
 <p>SDS-PAGE</p>	