

Product Name: Recombinant Human KLF6
Catalog #: PEH1052

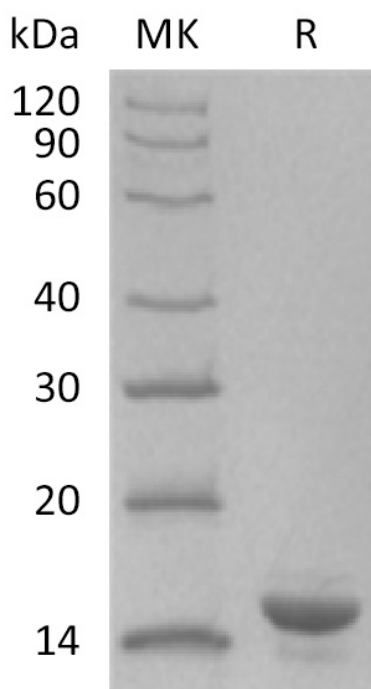


Summary

Name	Krueppel-like factor 6/KLF6
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Krueppel-like Factor 6 is produced by our E.coli expression system and the target gene encoding Met1-Ser109 is expressed.
Accession #	Q99612-3
Host	E.coli
Species	Human
Predicted Molecular Mass	12.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Human KLF6
Catalog #: PEH1052



Alternative Names

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

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 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.

Note

For Research Use Only , Not for Diagnostic Use.