Recombinant Kelch Domain Containing Protein 2 (KLHDC2)(N-6His)

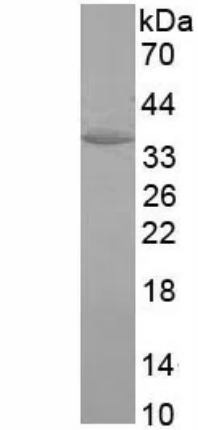
Catalog#:PEH22899

概述（Summary）

别称（Alternative Names）	HCLP-1; LCP; HCA33; Hepatocellular carcinoma-associated antigen 33; Host cell factor homolog LCP; Host cell factor-like protein 1
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-【Met1-Asp279】
Accession #	Q9Y2U9
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	35.4 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation. The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms. The CRL2(KLHDC2) complex specifically recognizes proteins with a diglycine (Gly-Gly) at the C-terminus, leading to their ubiquitination and degradation. The

CRL2(KLHDC2) complex mediates ubiquitination and degradation of truncated SELENOK and SELENOS selenoproteins produced by failed UGA/Sec decoding, which end with a diglycine. The CRL2(KLHDC2) complex also recognizes proteolytically cleaved proteins ending with Gly-Gly, such as the N-terminal fragment of USP1, leading to their degradation. May also act as an indirect repressor of CREB3-mediated transcription by interfering with CREB3-DNA-binding.

电泳图（SDS-PAGE image）



Greater than 95% as determined by reducing SDS-PAGE.

注意事项（Note）

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