

Recombinant Human p73 beta protein ab102553

1 图像

描述

产品名称	重组人p73 beta蛋白
纯度	> 90 % SDS-PAGE. Purity was determined to be >90% by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>O15350-2</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	88 kDa including tags
氨基酸	1 to 499

技术指标

Our **Abpromise guarantee** covers the use of **ab102553** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Western blot
形式	Liquid

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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常规信息

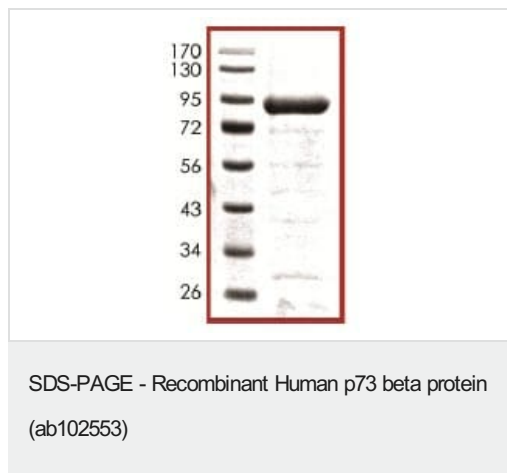
相关性	The p73 exhibits sequence homology to the p53's transcriptional activation, DNA binding, and
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oligomerization domains. However, adenovirus E1B 55K, simian virus 40 T, and human papillomavirus E6 do not physically interact with p73 indicating that the functions of these two proteins may differ under physiological conditions. Significant homology between p53, p63, and p73 (approximately 63% amino acid identity in the DNA binding domain suggest that they may have overlapping functions in the regulation of gene expression. p73 is expressed in either a full length form (a) (MW ~80kD) or a shorter (b) (MW ~70kD) mRNA variant, with exon 13 spliced out. Transient overexpression of p73 in cells can induce apoptosis and p21, a cellular p53 target gene primarily responsible for p53 dependent cell cycle arrest. The targeted disruption of p73 gene leads to defects hippocampal dysgenesis, hydrocephalus, chronic inflammation and infections. p73 is upregulated in a significant fraction of anaplastic thyroid cancers, whereas it is not detectable in normal thyroid epithelial cells nor in papillary or follicular thyroid cancer.

细胞定位

Nuclear

图片



SDS-PAGE showing ab102553 at approximately 88kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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