

Recombinant human Wnt1 protein (Active) ab84080

10 References

描述	
产品名称	重组人Wnt1蛋白(Active)
生物活性	<p>The ED₅₀ was determined by its ability to enhance BMP-2 induced alkaline phosphatase production by murine ATDC5 cells.</p> <p>The expected ED₅₀ for this effect is 1.5 - 2.5 ng/ml in the presence of 200 ng/ml of human BMP-2.</p>
纯度	<p>> 98 % SDS-PAGE.</p> <p>>98% HPLC.</p>
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<u>P04628</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>ANSSGRWWGI VNVASSTNLL TDSKSLQLVL</div> <div>EPSLQLLSRK QRRLIRQNPG ILHSVSGGLQ</div> <div>SAVRECKWQF RNRRWNCPTA PGPHLFGKIV</div> <div>NRGCRETAFI FAITSAGVTH SVARSCSEGS</div> <div>IESCTCDYRR RGPGGPDWHW GGCSDNIDFG</div> <div>RLFGREFVDS GEKGRDLRFL MNLHNNEAGR</div> <div>TTVFSEMRQE CKCHGMSGSC TVRTCWMRLP</div> <div>TLRAVGDVLR DRFDGASRVL YGNRGSNRAS</div> <div>RAELLRLEPE DPAHKPPSPH DLVYFEKSPN</div> <div>FCTYSGRLGT AGTAGRACNS SSPALDGCEL</div> <div>LCCGRGHRTR TQRVTERCNC TFHWCCHVSC</div> <div>RNCTHTRVLH ECL</div>
预测分子量	38 kDa
氨基酸	28 to 370
额外的序列信息	Full length mature protein, without the signal peptide.
技术指标	

Our **Abpromise guarantee** covers the use of **ab84080** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Functional Studies

SDS-PAGE

HPLC

形式 Lyophilized

制备和贮存

稳定性和存储 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶 We recommend initial reconstitution in water alone for full solubility. ab84080 reconstituted is stable for at least 6 months when stored in working aliquots with a carrier protein such as 0.1% BSA at -20°C. Avoid repeated freeze/thaw cycles.

常规信息

功能 Ligand for members of the frizzled family of seven transmembrane receptors. In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling. Probable developmental protein. May be a signaling molecule important in CNS development. Is likely to signal over only few cell diameters.

序列相似性 Belongs to the Wnt family.

细胞定位 Secreted > extracellular space > extracellular matrix.

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