

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 <b>ED<sub>50</sub></b> was determined by its ability to enhance BMP-2 induced alkaline phosphatase production by murine ATDC5 cells.</p> <p>The expected <b>ED<sub>50</sub></b> 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>&gt; 98 % SDS-PAGE.</p> <p>&gt;98% HPLC.</p>   |
| 内毒素水平     | < 1.000 Eu/μg   |
| 表达系统      | Escherichia coli  |
| Accession | <b><u>P04628</u></b>  |
| 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.

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

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- Response to your inquiry within 24 hours
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