

Recombinant human Wnt1 protein (Active) ab84080

10 References

製品の詳細

製品名	Recombinant human Wnt1 protein (Active)		
生理活性	The ED₅₀ was determined by its ability to enhance BMP-2 induced alkaline phosphatase production by murine ATDC5 cells. The expected ED₅₀ for this effect is 1.5 - 2.5 ng/ml in the presence of 200 ng/ml of human BMP-2.		
精製度	> 98 % SDS-PAGE. >98% HPLC.		
エンドトキシン・レベル	< 1.000 Eu/μg		
発現系	Escherichia coli		
アクセッション番号	<u>P04628</u>		
タンパク質長	Full length protein		
Animal free	No		
由来	Recombinant		
生物種	Human		
配列	<pre> ANSSGRWWGI VNVASSTNLL TDSKSLQLVL EPSLQLLSRK QRRLIRQNPQ ILHSVSGGLQ SAVRECKWQF RNRWNCPTA PPHLFGKIV NRGCRETAFI FAITSAGVTH SVARSCSEGS IESCTCDYRR RGGGPDWHW GGCSNDIDFG RLFGREFVDS GEKGRDLRFL MNLHNNEAGR TTVFSEMRQE CKCHGMSGSC TVRTCWMRLP TLRAVGDVLR DRFDGASRVL YGNRGSNRAS RAELLRLEPE DPAHKPPSPH DLVYFEKSPN FCTYSGRLGT AGTAGRACNS SSPALDGCEL LCCGRGHRTR TQRVTERCNC TFHCCHVSC RNCTHTRVLH ECL </pre>		
予測される分子量	38 kDa		
領域	28 to 370		
配列の追加情報	Full length mature protein, without the signal peptide.		

特性

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.

アプリケーション Functional Studies

SDS-PAGE

HPLC

製品の状態 Lyophilized

前処理および保存

保存方法および安定性 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.

再構成 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.

関連情報

機能 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.

配列類似性 Belongs to the Wnt family.

細胞内局在 Secreted > extracellular space > extracellular matrix.

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