

# Recombinant human Wnt9b protein (Active) ab245815

### 製品の詳細

製品名	Recombinant human Wnt9b protein (Active)
生理活性	Determined by its ability to induce alkaline phosphatase production by CCL-226 cells.
精製度	>= 95 % SDS-PAGE. At least 95% by HPLC analysis.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	CHO cells
アクセッション番号	<b><u>O14905</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	SYFGLTGREVLTPFPGLGTAAPAAQGG AHLKQC DLLKLSRRQ KQLCRREP GLAETLRDAAHLGLLECFQFRHERWNC SLEGRMGLLKR GFK ETAFLYAV SSAALHTTLARACSAGR MERTCDDSPGLESRQAWQWGVCGD NLKYSTKF LSNFLGSKRGNKDLRARADAHNTHVGIKAVK SGLRTTCKCHG VSGSCAVR TCWKQLSPFRETGQVLKLRYS AVKVSSATNEALGRLELWAP ARQGS LTK GLAPRSGDLVYMEDSPSFCRPSKYSPGTAGRVCSREASCSSL CCGRGYDT QSRLVAFSCHCQVQWCCYVECQQCVQEELVYTCKH
予測される分子量	37 kDa
領域	23 to 357
配列の追加情報	Full-length mature chain lacking the signal peptide.

### 特性

Our **Abpromise guarantee** covers the use of **ab245815** 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	HPLC SDS-PAGE Functional Studies
製品の状態	Lyophilized
備考	Due to glycosylation, ab245815 migrates at an apparent molecular weight of approximately 49-54 kDa by SDS-PAGE analysis under non-reducing conditions.

#### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 0.12% Tris, 0.56% Potassium chloride, 1.45% Sodium chloride, 0.375% CHAPS This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	Centrifuge vial prior to opening. Reconstitute in water to 0.1-0.5 mg/ml. Do not vortex. Store at 4°C for 1 week, or prepare for extended storage. Follow reconstitution with further dilution in a buffer containing a carrier protein (example 0.1% BSA). Store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.

#### 関連情報

関連性	Wnt9b is a member of the WNT family and is a ligand for members of the frizzled family of seven transmembrane receptors. The WNT gene family consists of structurally related genes that encode secreted signaling proteins. Wnt9b is expressed in the inductive epithelia and is essential for the development of mesonephric and metanephric tubules and caudal extension of the Müllerian duct. Wnt9b plays a central role in the regulation of mesenchymal to epithelial transitions underlying organogenesis of the mammalian urogenital system. The gene is clustered with WNT3, another family member, in the chromosome 17q21 region.
細胞内局在	Secreted: extracellular space: extracellular matrix.

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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