

# Wnt-2, human recombinant

**CATALOG #:** 7599-10 10 µg  
 7599-50 50 µg  
 7599-1000 1 mg

**SYNONYMS:** INT1L1, IRP, Int-1-like protein 1, Int-1-related protein

**SOURCE:** *E. coli*

**PURITY:** > 90 % by SDS-PAGE and RP-HPLC

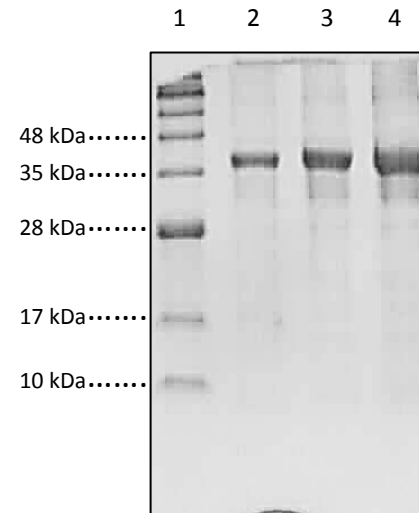
**MOLECULAR WEIGHT:** 39.9 kDa

**FORM:** Lyophilized without additives.

**RECONSTITUTION:** Centrifuge the vial prior to opening. Reconstitute in sterile ddH<sub>2</sub>O to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

**STORAGE CONDITIONS:** The lyophilized protein is best-stored desiccated at -20°C. Reconstituted human Wnt-2 should be stored in aliquots at -20°C. Avoid freeze/thaw cycles.

**DESCRIPTION:** This protein belongs to the Wnt family of proteins. The WNT gene family consists of structurally related genes that encode secreted signaling proteins involved in the Wnt signaling pathway. Wnt gene family members, including Wnt-1 through Wnt-10, play a key role in regulating cellular growth and differentiation. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt-2 is expressed in brain in the thalamus, in fetal and adult lung and in the placenta.



Lane 1: MW Markers  
 Lane 2: rh WNT 2 (3 ug)  
 Lane 3: rh WNT 2 (6 ug)  
 Lane 4: rh WNT 2 (9 ug)

SDS-PAGE (15%) of purified human recombinant Wnt-2

**RELATED PRODUCTS:**

- Wnt-1, human recombinant (Cat # 4754-10, -50, -1000)
- Wnt-1 Antibody (Cat # 3571-100)
- Wnt-1 Antibody (Cat # 5754-100)
- Wnt-2 Antibody (Cat # 3572R-100)
- Wnt-4 Antibody (Cat # 3574R-100)
- Wnt-6 Antibody (Cat # 3570-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**

