



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### gh1 (Seabream) Recombinant Protein

**Catalog Number:** P8726

**Regulation Status:** For research use only (RUO)

**Product Description:** Seabream gh1 recombinant protein with Ala tag in N-terminus expressed in *Escherichia coli*.

**Sequence:**

AQPITDGQRLFSIAVSRVQHLHLLAQRLFSDFESSLQT  
EEQPQLNKIFLQDFCNCDYIISPDKHETQRSSVLKLLSI  
SYRLVESWEFPSRSLSGGSAPRNQISPKLSELKTGIHL  
LIRANEDGAEIFPDRSALQLAPYGNYYQSLGTDESLRR  
TYELLACFKKDMHKVETYLTVAKCRLSPEANCTL

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 21.4

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purification:** chromatographic

**Purity:** > 98% as determined by (a) SEC-HPLC.(b) SDS-PAGE.

**Activity:** Binding assays of the 125I-labeled gilthead seabream GH to dolphin fish liver microsomal fraction resulted in high specific binding characterized by a  $K_a$  of 1.93 nM and a  $B_{max}$  of 540 fmol/mg microsomal fraction protein.

**Storage Buffer:** Protein (1 mg/mL) was lyophilized from a solution containing 0.02%  $\text{NaHCO}_3$ . Reconstitute the lyophilized powder in 0.4%  $\text{NaHCO}_3$  or  $\text{ddH}_2\text{O}$  to 100  $\mu\text{g/mL}$ . pH 8-9.

**Storage Instruction:** Lyophilized protein at room temperature for 2 weeks, should be stored at  $-20^\circ\text{C}$ . Protein aliquots at  $4^\circ\text{C}$ , pH 9 for 4 weeks and should be

stored at  $-20^\circ\text{C}$  to  $-80^\circ\text{C}$ . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 115574857