Osteoclast-Associated Immunoglobulin-Like Receptor Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: OSCAR, Osteoclast-associated receptor, hOSCAR, Polymeric immunoglobulin receptor 3, PIgR-3, PIgR3, Poly-Ig receptor 3

Cat. No.:
RD172463100 (0.1 mg)

Description

Total 221 AA. MW: 24.4 kDa (calculated). UniProtKB acc.no. Q8IYS5-2 Isoform 2 (Asp19-Asn229). N-terminal his-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

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MKHHHHHHAS DITPSVPPAS YHPKPWLGAQ PATVVTPGVN VTLRCRAPQP AWRFGLFKPG EIAPLLFRDV SSELAEFFLE
EVTPAQGGIY RCCYRRPDWG PGVWSQPSDV LELLVTEELP RPSLVALPGP VVGPGANVSL RCAGRLRNMS FVLYREGVAA
PLQYRHSAQP WADFTLLGAR APGTYSCYYH TPSAPYVLSQ RSEVLVISWE DSGSSDYTRG N
```

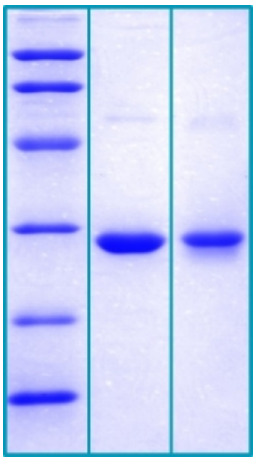
Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95%

SDS-PAGE gel



14 % SDS-PAGE separation of Human Oscar (E.coli):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

0,3-0,6 mg/ml in 50mM acetate buffer, pH4.0, 20%(w/v) glycerol - filtered (0.4 µm), frozen

Reconstitution

Thaw at ambient temperature

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Aliquot thawed protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Thawed protein should be used within one day to avoid forming of agragates.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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