6044 Cornerstone Court W, Ste E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

Human CD155, His-tag

Human, recombinant, C-terminal, His-tag
Catalog #: 71181
Lot #: 140708-D **Conc.:** 0.84 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

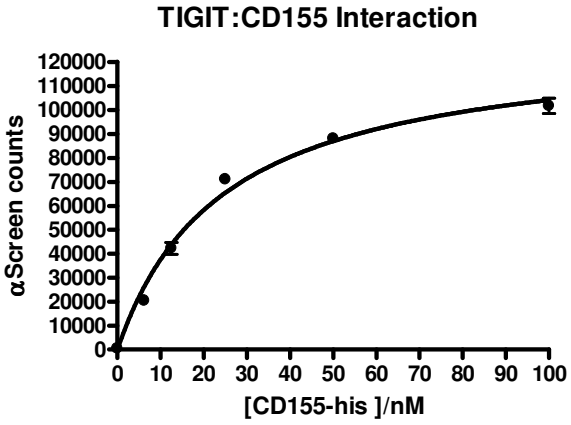
Stability: At least 6 months at –80°C. *Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

Endotoxin: <1 EU/µg

References:
1. Bottino, C. *et al., J. Exp. Med.* 2003; **198(4)**: 557-567.
2. Pende, D. *et al., Blood.* 2005; **105(5)**: 2066-2073.

Description: Human CD155, also known as Poliovirus receptor and Nectin-like protein 5, GenBank Accession No. NM_006505, a.a. 27-343 with a C-terminal His-tag, expressed in a HEK293 cell expression system. MW = 35 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.
Assay Description: CD155, His-tag binding to TIGIT was confirmed according to the protocol for BPS Cat. 72029. Briefly, 4 ng of TIGIT-biotin was mixed with varying amounts of CD155, His-tag in TIGIT assay buffer at a final volume of 10 µl and allowed to incubate for 1 hr at room temp. Nickle acceptor beads were added for 30 min, followed by Strep-conjugated acceptor beads for 30 min and reading alpha-counts.
Application: Useful for studying protein binding and for screening small molecules and antibodies.

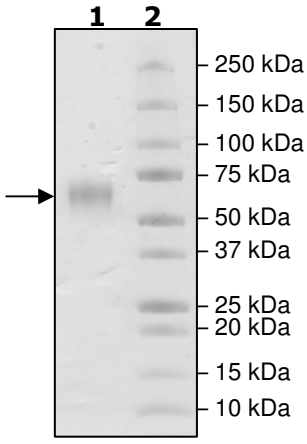
Quality Assurance



4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg CD155
Lane 2:
Protein Marker

MW: 35 kDa + glycans
Purity: ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

6044 Cornerstone Court W, Ste E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Sequence

GDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGESGSMAVFHQTQ
GPSYSESKRLEFVAARLGAELRNASLRMFGLRVEDEGNYTCLFVTFPQGSRSVDIWL
RVLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPAQITWHSDLGGMPNTSQVPGF
LSGTVTVTSLWILVPSSQVDGKNVTCKVEHESFEKPQLLTVNLTVYYPPEVSISGYDN
NWYLGQNEATLTCDARSNPEPTGYNWSTTMGPLPPFAVAQGAQLLIRPVDKPINTTLI
CNVTNALGARQAELTVQVKEGPPSEHSGMSRNHHHHHH

Black: CD155 (a.a. 27-343)
Purple: 6x His

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.