

Product Datasheet

Rat Itgb1 protein (orb244312)

Description

Recombinant rat Integrin beta-1

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Tag

N-terminal 6xHis-SUMO-tagged

Note

For research use only

Application notes

Extracellular domain of His-SUMO-tag and expression region is 21-729aa

Protein Sequence

QTDKNRCLKANAKSCGECIQAGPNCGWCTNTTFLQEGMPTSARCDDLEALKKK
GCHPSDIENPRGSQTIKKKNVTNRSKGMAEKLRPEDITQIQPQQLLKLRSGEP
QKFTLKFKAEDYPIDLYLMDLSYSMKDDLENVKSLGTDLMNEMRRITSDFRIG
FGSFVEKTVMPYISTTPAKLRNPCTSEQNCTSPFSYKNVLSLTDRGEFFNELVGQ
QRISGNLDSPEGGFDAIMQVAVCGSLIGWRNVTRLLVFSTDAGFHFAGDGKLG
GIVLPNDGQCHLENNVYTMSSHYYDPSIAHLVQKLSENNIQTIFAVTEEFQPVYKE
LKNLIPKSAVGTLSGNSSNVIQLIIDAYNSLSSEVILENSKLPDGVITINYKSYCKNGV
NGTGNGRKCNSISIGDEVQFEISITANKCPNKESENQLKLNPLGFTEEEVVLQF
ICKCNCQSHGIPASPKCHEGNGTFECGACRCNEGRVGRHCECSTDEVNSEDMD
AYCRKENSSEICSNNGECVCGQCVCCKRENTNEIYSGKFCECDNFNCDSNGLI
CGGNGVCRVCECPNYTGSACDCSLDTPCVATNGQICNGRGICECGACKC
TDPKFQGPCTCCTCQLGVCAEHKECVQCRAFNKGEKKDTCAQECSHFNLTQV
ESREKLPQPVQVDPVTHCKEKDIDDCWFYFTYSVNSKGEAHVHVETPDCPTGP
D

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

94.4 kDa

Uniprot ID

P49134

Expiration Date

6 months from date of receipt.