

IL23R, 24-355aa, Human, hIgG His tag, Baculovirus

Cat.NO.: TP02632

3th Edition

Synonyms: Interleukin-23 receptor, IL23R, IL 23R, IL-23 receptor, IL-23R, Il23r, IL23R_HUMAN, Interleukin 23 receptor, Interleukin-23 receptor.

Description: IL23R, also known as interleukin-23 receptor, belongs to the type I cytokine receptor family, Type 2 subfamily. It contains 2 fibronectin type-III domains and is expressed by monocytes, Th1, Th0, NK and dendritic cells. It may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis. Recombinant human IL23R, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 65.3kDa (574aa), 70-100kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPGITNINCSGHIWVEPATIFKMGMNISIYCQAAIKNCQPRKLHFYKNGIKERFQITRINKTTARLWYKNFLEPHASM
YCTAECPKHFQETLICGKDISSGYPPDIPDEVTCVIYEYSGNMTCTWNAGKLTIDTKYVVHVKSLETEEEQQYLTS
YINISTDSLQGGKKYLWVQAANALGMEESKQLQIHLDDIVIPSAAVISRAETINATVPKTIYWDSQTTIEKVSCEMRY
KATTNQTWNVKEFDNTFTYVQQSEFYLEPNIKYVFQVRCQETGKRYWQPWSSLFFHKTPETVPQVTSKAFQHDT
WNSGLTVASISTGHLTSDNRGDIGLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVS
HEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
PREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRW
QQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.