

## Human IL-23/IL-12B & IL-23A protein (Recombinant) (No tag (IL12B) & N-his (IL23A)) (STJP002719)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

### PRODUCT PROPERTIES

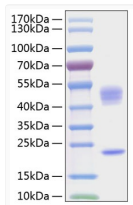
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

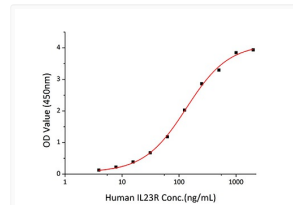
Gene ID	<a href="#">3593</a> <a href="#">51561</a>
Gene Symbol	<a href="#">IL12B</a> <a href="#">IL23A</a>
UniProt ID	<a href="#">IL12B_HUMAN</a> <a href="#">IL23A_HUMAN</a>
Immunogen Region	Ile23-Ser328&Arg20-Pro189
Immunogen Sequence	IWELKKDVYVVELDWYPDAP GEMVVLTCDTPEEDGITWTL DQSSEVLGSGKTLTIQVKEF GDAGQYTCHKGGVLSHSLLL LHKKEDGIWSTDILKDQKE PKNKTLRCEAKNYSGRFTC WWLTTISTDLTFSVKSSRGS SDPQGVTCGAATLSAERVRG DNKEYEYSVECQEDSACPA EESLPIEVMVDAVHKLKYEN YTSSFFIRDIIKPDPPKNLQ LKPLKNSRQVEVSWEYPTD

### ADDITIONAL INFORMATION

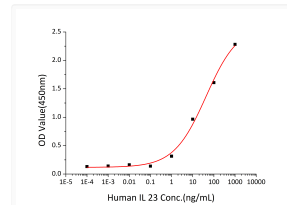
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human IL-23/IL-12B&IL-23A Protein was resolved with SDS PAGE under reducing (R) and non-reducing (NR) conditions, showing single bands at 20 (IL-23A) , 45-50 (IL-12B) kDa and 65-70 kDa, respectively.



Immobilized Human IL-12B&IL-23A at 5 Mu g/mL (100 Mu L/well) can bind Human IL23R with a linear range of 4-135 ng/mL.



Recombinant Human IL-23/IL-12B&IL-23A induce IL-17 secretion by mouse splenocytes. The ED<sub>50</sub> for this effect is 21.23-84.94 ng/mL, corresponding to a specific activity of 1.17×10<sup>4</sup> units/mg. 71×10<sup>4</sup> units/mg.